

megabubble®

johni bolts and rings®

plastic pipe cement

Hercules for Hands™

plumbers caulk™

clean 'n friendly™ furnace cement

megaloc®

climate smooth™

sta put®

clooben PT-4™

clobber®

cryo-tek™

anti-freeze



PRODUCT CATALOG

HERCULES®

Dedicated to the Plumbing Professional

At Hercules, we don't consider you as "just" a paying customer. You're more than that. You're someone with professional integrity, someone dedicated to family, someone who's a good friend. You want to do your job quickly and more importantly – effectively, so that you can move on to the other things that are important in your life. You want to work hard, but only so that you can play hard. We're like that too.



If this catalog looks different from other catalogs, then we've succeeded once again in bringing our unique approach to the task at hand. We wanted our catalog to look different, because we are different. We're not your average manufacturing company, and we're certainly unique in the plumbing industry. Hercules constantly strives to combine tradition with a cutting-edge approach, and to bring leadership to the field. We hope this catalog reflects those ideals. You see, those were also the ideals of our founder, Sam Wander.



Sam Wander was known for "walking the tracks" when he started Hercules in 1915. He went diligently and enthusiastically from town to town, on foot, selling Drain Pipe Solvent, Hercules first product. His creed was "I've got to take care of my customers." Since then, Hercules has continued to change and grow along with the plumbing industry: plumbers have

become better trained...equipment is more sophisticated ...supply houses have evolved into specialized distributors. Many wholesalers have opened luxurious showrooms – something Sam may have never imagined in his days of claw-foot tubs, lead and oakum, and green and ivory-porcelain kitchen sinks. Still, the Hercules creed remains the same.

Hercules established a factory in New York City and, with Sam's creed still intact, the company grew as the product line expanded. The Johni Bolt® is now an industry standard.

The Johni Ring® is the only wax ring to come in a unique sealed plumber-friendly package. One after another, Hercules developed specialized drain cleaners, made improved thread sealants, and even formulated a gentle hand cleaner made specially for plumbers. Most recently, came up the first and only true non-staining plumbers putty, **sta-put Ultra®**. Customers have come to trust Hercules to help overcome difficult plumbing challenges.

Solving problems with innovative products is just one way Hercules contributes to the industry. Year after year, Hercules supports the community and helps industry players, at every level, succeed. With creative marketing approaches, leadership roles at industry trade shows and conventions, innovative selling tools and programs, and dissemination of information – we're happy to share these techniques with others to help make the industry stronger. We help customers understand and comply with federal regulations, including HazCom training and a D.O.T.



handbook, all provided free of charge. In 2002, Hercules co-founded OateySCS, an

innovative new supply chain system offering customers "one-stop shopping" of leading brands – something never before seen in the industry.

Today the Hercules facilities are located in Passaic, NJ, and it's one of the few companies to boast being both employee-owned as well as a union shop.



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The employee-owners are proud of earning the prestigious awards including the OSHA SHARP award for safety and achieving ISO 9001:2008 certification for our Quality Management system.

Staying true to Sam Wander's philosophy of servicing the customer, Hercules offers a customer help-line (800-221-9330 or info@herchem.com) for questions relating not only to its product line, but for any plumbing or safety questions as well. And the Hercules web-site is constantly being updated to offer its visitors more useful information. All product information, MSDS, and spec sheets can be easily obtained via our web site accessible by computer or mobile device.



If Sam were alive and working today, he'd be carrying a smart phone and laptop and taking the "red-eye" instead of walking the tracks. But he wouldn't have to change his creed. Isn't it funny how today lots of organizations use buzz words - "core values," "best practices," "world class" - to describe themselves in a way that Sam put plainly? "I've got to take care of my customers." All of us at Hercules remain pledged to earning the continued trust of our customers and friends.

Our very sincere thanks go to all those plumbers and wholesalers who share our belief in the quality approach to doing business. Please help us continue to do what we do best by asking for our products and by accepting no compromise in quality.

Stay in touch, and we'll do the same.

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<http://www.oateyscs.com>

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Can't find what you're looking for? Consult the index on page 37 for an alphabetical listing of products by product name and product type.



Thread Sealants

Marketing Category #13

Hercules has been formulating and manufacturing thread sealants for over 50 years, and has continuously responded to professional plumbers' changing needs with new technology, new ideas and new products. Regardless of the application, from plastic to metals, low to high pressure, Hercules leads the industry in providing high quality thread sealants.



See Thread Sealant Application Chart on page 39.

Pastes

Now with DuPont® Kevlar®
for total uniformity and maximum strength.

megaloc®

Megaloc is the highest performing and best selling sealant on the market. The latest generation in our line of already outstanding thread sealants, Megaloc has been enhanced with the added sealing strength of Kevlar®. Not only does Megaloc wipe clean from hands and tools with just a dry rag, it washes out of clothes too! For use on both plastic and metal pipe and fittings. Grit-free and does not contain PTFE. Sets soft; no cure time required; never hardens, cracks or becomes brittle. Completely odorless, non-separating, non-flammable, non-hazardous and low V.O.C. Leak-proof hydraulic resistance up to 12,000 psi. Withstands gas pressure up to 2,600 psi. Performs over a temperature range of -50° to 400°F (on steel pipe). For use on all metals, including galvanized steel, black iron, aluminum, copper, brass, stainless steel, and on PVC, ABS, and CPVC plastics (for use on specific brands of CPVC pipe, verify suitability with pipe manufacturer). Not recommended for lines carrying concentrated acids, alkalis, ketones or oxygen.

Low VOC, Color: Blue.

Certified to ANSI/NSF Standard 61; safe for drinking water lines.

UPC listed. Meets CSA requirements for ANSI LC 7-2009, CAN/ULC-S642-07

Meets Federal Specification TT-S-17 32 and MIL Standard A-12342a (CE).

MSDS #89. ANSI MSDS #305.



Prod. No.	Size	Pack	Note	Bar Code
15802	1.1 fl. oz.	24	display/plastic tube	032628158023
15804	1/4 pt.	24	screw cap with brush	032628158047
15806	1/2 pt.	24	screw cap with brush	032628158061
15808	1 pt.	12	screw cap with brush	032628158085
15811	1 qt.	12	screw cap with brush	032628158115
15814	1 gal.	4	-	032628158146
15816	5 gal.	1	-	032628158160
15818	55 gal.	1	-	032628158184

* Kevlar® is a registered trademark of DuPont or its affiliates and is used under license by Hercules Chemical Company, Inc.

real-tuff™

A multi-purpose thread sealant formulated with the highest percentage PTFE content on the market. PTFE particles fill cracks and tiny thread imperfections providing superior lubricating and sealing properties. Leak-free joints can be tested and put into service immediately. Holds tight against vibration, expansion, and contraction. Brushable; non-separating; will not run or drip from joints. Soft set; no cure time required.

Withstands temperatures from -50°F to 500°F (on steel pipe), and pressures up to 12,000 psi (hydraulic), 2600 psi (gas). For use with liquids, including acids and alkalis and gases including natural and LP (except oxygen). For use on metals, including galvanized steel, black iron, aluminum, copper, brass, stainless steel and on PVC, ABS, and CPVC plastics (for use on specific brands of CPVC pipe, verify suitability with pipe manufacturer). Superior anti-galling properties with stainless steel. Excellent resistance to strong acids, alkalies and ketones. Non-flammable and contains no heavy metals.

Low VOC, Color: White

Certified to ANSI/NSF Standard 61, safe for drinking water lines.

Meets Fed. Spec. TT-S-1732.

MSDS #11. ANSI MSDS #324.



Prod. No.	Size	Pack	Note	Bar Code
15605	2 oz.	48 (4 trays)	display/plastic tube	032628156050
15615	1/4 pt.	24	screw cap with brush	032628156159
15620	1/2 pt.	24	screw cap with brush	032628156203
15625	1 pt.	12	screw cap with brush	032628156258
15630	1 qt.	12	-	032628156302
15632	1 qt.	12	screw cap with brush	032628156326
15635	1 gal.	4	-	032628156357
15640	5 gal.	1	-	032628156401

grrip™ and grrip™ lite

All-purpose, tough, pliable, non-petroleum based seal for joints, valves, flanges, and gaskets - puts joints into service in minutes. Brushable; non-separating; will not run or drip from joints. Sets up quickly and dries to form a very tough, yet flexible seal which will not harden, crack, crumble or shrink. For use on metals, including galvanized steel, black iron, aluminum, copper, brass, stainless steel; and on PVC, ABS, and CPVC plastics (for use on specific brands of CPVC pipe, verify suitability with pipe manufacturer). Apply to pumps, tanks and equipment carrying steam, water, oil, gasoline, fuel oil, hydraulic fluids, natural and LP gas (vapor state), other gases (except oxygen), liquids and chemicals (see spec sheet for details). Can easily be cleaned from tools and hands with isopropyl alcohol or Hercules for Hands™ towels. Performs over a temperature range of -50° to 400°F (on steel pipe), pressures up to 12,000 psi (hydraulic), 2600 psi (gas). Certified to ANSI/NSF Standard 61, safe for drinking water lines.

Color: Grrip: Industrial Black; Grrip lite: Neutral Beige.

Conform to Mil. Spec. Mil-S-45180 D.

MSDS #14 and #13. ANSI MSDS #383 and 384.



grrip™(industrial black)

Prod. No.	Size	Pack	Note	Bar Code
15510	1/4 pt.	24	screw cap with brush	032628155107
15515	1/2 pt.	24	screw cap with brush	032628155152
15520	1 pt.	12	screw cap with brush	032628155206
15525	1 qt.	12	-	032628155251

grrip™ lite (neutral beige – no dark stains)

Prod. No.	Size	Pack	Note	Bar Code
15550	1/4 pt.	24	screw cap with brush	032628155503
15555	1/2 pt.	24	screw cap with brush	032628155558
15560	1 pt.	12	screw cap with brush	032628155602
15565	1 qt.	12	-	032628155657



This takes it off see page 29

block™

All-purpose, tough, pliable seal for joints, valves, flanges, and gaskets – puts joints into service in minutes. An excellent gasket seal – sets up quickly and dries to form a very tough, yet flexible seal which will not harden, crack, crumble or shrink. Seals old or worn fittings. Ideal for pumps, tanks and equipment carrying steam, water, oil, gasoline, fuel oil, hydraulic fluids, natural and LP gas (vapor state), anti-freeze, refrigerants (except ammonia), lubricants, glycerin, solvents, brine and other gases, liquids and chemicals (see spec sheet for specifics). For use on all metals, including galvanized steel, black iron, aluminum, copper, brass, stainless steel, and on PVC, ABS, and CPVC plastics (for use on specific brands of CPVC pipe, verify suitability with pipe manufacturer). Provides leak-proof resistance to high pressure, temperature, expansion, contraction and extreme vibration. Grit-free; non-separating, distinctive non-runny consistency. Can easily be cleaned from tools and hands with isopropyl alcohol or Hercules for Hands™ towels. Performs over a temperature range of -50° to 450°F (on steel pipe), pressures up to 12,000 psi (hydraulic), 2600 psi (gas). Conforms to Mil. Spec. Mil-S-45180 D. Color: Blue. MSDS #72. ANSI MSDS #385.



Prod. No.	Size	Pack	Note	Bar Code
15703	1/4 pt.	24	screw cap with brush	032628157033
15707	1/2 pt.	24	screw cap with brush	032628157071
15711	1 pt.	12	screw cap with brush	032628157118
15716	1 qt.	12	screw cap with brush	032628157163

pro dope®

This leader in traditional, standard oil-based thread sealants ensures exceptional leak-proof joints. For use on metal pipe and fittings carrying water, natural gas, air, steam, ammonia, brine, diluted acids, and alkalis. NOT FOR LP GAS. Not for use on plastic pipe or fittings. Uniform, smooth consistency provides for an easy application; will not drip or spill out of container. Long shelf life. Non-setting formula will not harden, crack or become brittle. Lubricates as it forms a tight pressure seal. Inhibits rust and corrosion. Can easily be cleaned from tools and hands with isopropyl alcohol or Hercules for Hands™ towels. Withstands air/steam pressure up to 200 psi and liquid pressure up to 250 psi at temperatures ranging from 0°F to 350°F. Certified to ANSI/NSF Standard 61, safe for drinking water lines. **FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to determine its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of The Lubrizol Corporation.** Low VOC. Meets Fed. Spec. TT-S-1732. Color: Gray. MSDS #12. ANSI MSDS #377.



Prod. No.	Size	Pack	Note	Bar Code
15420	1/2 pt.	24	screw cap with brush	032628154209
15427	1 pt.	12	screw cap with brush	032628154278
15433	6 lb.	6	plastic pail with handle	032628154339
15435	1 gal.	4	-	032628154353
15445	5 gal.	1	-	032628154452

pipe joint compound

Traditional, standard oil-based thread sealant ensures exceptional leak-proof joints. For use on metal pipe and fittings carrying water, natural gas, air, steam, ammonia, brine, diluted acids, and alkalis. NOT FOR LP GAS. Not for use on plastic pipe or fittings. Uniform, smooth consistency provides for an easy application; will not drip or spill out of container. Long shelf life. Non-setting formula will not harden, crack or become brittle. Lubricates as it forms a tight pressure seal. Inhibits rust and corrosion. Can easily be cleaned from tools and hands with isopropyl alcohol or Hercules for Hands™ towels. Withstands air/steam pressure up to 200 psi and liquid pressure up to 250 psi at temperatures ranging from 0°F to 350°F. Certified to ANSI/NSF Standard 61, safe for drinking water lines. Meets Fed. Spec. TT-S-1732. Color: Burnt Orange. MSDS #23. ANSI MSDS #376.



Prod. No.	Size	Pack	Note	Bar Code
15308	2 oz.	144 (12 trays)	display; plastic tube	032628153080
15311	1/4 pt.	24	-	032628153110
15325	1/2 pt.	24	screw cap with brush	032628153257
15327	1 pt.	12	screw cap with brush	032628153271
15340	1 gal.	4	-	032628153400
15350	5 gal.	1	-	032628153509



Tape

PTFE tape dope®

This high-density, heavy commercial grade, 3.5 mil PTFE tape is the best all purpose tape sealant available, and is specified by many industrial users, utilities, and government agencies. White color for universal use. It requires far fewer wraps than cheaper tapes. Easy-to-use - for sealing all types of threaded pipe, valves, fittings, accessories and controls, including those made from steel, galvanized and black iron, brass, copper, aluminum, stainless steel, glass, Monel*, synthetic rubber, and all plastics. Appropriate for pipes carrying: acids, solvents, alkalies, steam, hot and cold water, LP gas, natural gas, oxygen and almost every chemical. Self-lubricating, with excellent dielectric properties which minimize galvanic action. Will not harden, crack, or crumble. Clean break-off; no shredding. Will not contaminate material in pipes. Protects against any chemical corrosive action, and is not affected by weather. Non-toxic. Performs over a temperature range of -450° to 500°F; up to 10,000 psi. Meets or exceeds all performance requirements for use with oxygen under MIL-T-27730A. MSDS #7. Color: White.



Prod. No.	Size	Pack	Note	Bar Code
15111	1/4" x 200"	12	-	032628151116
15122	1/2" x 200"	24	-	032628151222
15124	1/2" x 500"	24	-	032628151246
15127	1/2" x 750"	24	-	032628151277
15136	3/4" x 500"	12	-	032628151369

TFE pipe joint tape

Economy-grade, low density tape. 3.0 mil. White color for universal use. Can be used on all threaded pipe, valves and fittings. Appropriate for pipe carrying: acids, solvents, alkalies, steam, hot and cold water, LP gas, natural gas, oxygen and almost every chemical. Weather-resistant, flexible, low dielectric constant, chemically inert and usable at low temperatures. Performs over a temperature range of -450° to 500°F; pressures up to 10,000 psi. Non-hardening, non-toxic; non-stick, non-flammable. Based on imported TFE, but meets performance requirements for MIL SPEC. MIL-T-27730 (ASG). Imported. Color: White. MSDS #8.



Prod. No.	Size	Pack	Note	Bar Code
15104	1/2" x 60"	72 (6-1 dz.)	carded, blister pack	032628151048
15162	1/2" x 260"	144	-	032628151628
15164	1/2" x 520"	144	-	032628151642
15169	1/2" x 1296"	36	-	032628151697
15176	3/4" x 520"	36	-	032628151765
15183	1" x 520"	36	-	032628151833



* Monel is a trademark of Special Metals Corporation

Related Products and Accessories

megabubble® leak detector

Uniquely formulated by Hercules to cling to vertical surfaces and produce long-lasting bubbles for easy detection of even the smallest gas leaks in pipe lines, tanks, coils, cylinders, valves, etc. Will not harm or stain metal, rubber or plastic surfaces. Applies easily, simply spray or daub it on for easy application to detect leaks of air, natural gas, refrigerants, oxygen, CO₂ and almost all known gases. High viscosity megabubble produces large, bright blue, long-lasting bubbles. Megabubble is non-toxic, and contains only high quality, non-staining ingredients. Can be effectively used at temperatures ranging from -50° to 200°F. MSDS #59. ANSI MSDS #322.



FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to determine its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® pipe and fittings. FBC™, FlowGuard Gold®, BlazeMaster® and Corzan® are licensed trademarks of The Lubrizol Corporation.



Prod. No.	Size	Pack	Note	Bar Code
45801	8 oz.	24	with dauber	032628458017
45804 NEW SIZE	16 oz.	12	with sprayer	032628458048
45802	32 oz.	12	with sprayer	032628458024
45803	1 gal.	4	refill container	032628458031

pipe dope brush

For use when applying thread sealant to large diameter pipe and fittings. Applies thread sealants uniformly and deep into the root of threads – in one stroke. 8" with wooden handle and extra-strong natural bristle brush.

Prod. No.	Size	Pack	Note	Bar Code
50310	8"	144	wood handle	032628503106



Soldering Products

Marketing Category #14

A properly soldered joint requires use of the best cleaning and fluxing tools, as well as a careful and professional technique. Hercules cleaning tools and flux are designed for the professional who takes pride in knowing just how to do the job right and chooses the highest quality products.



Solder/Flux Combination

swif® 95

A 95/5 tin-antimony alloy solder combined with flux in a non-petrolatum based paste form for easy one-step, brush-on application. Fluxes, tins and solders in one operation. One pound does the work of 3 to 4 pounds of wire solder plus flux. Has identical melting point and plastic range as 95/5 wire, stick or bar solder including the same physical characteristics after soldering (solidus, 450°F, liquidus 464°F, plastic (pasty) range, 14°F). Saves user application and prep time and eliminates wasted solder; no excess solder to drip if properly applied. Withstands working pressure 2.5 to 3 times greater than 50/50 tin-lead solder up to 250° F. Shear strength is 40% higher than 50/50. Contains no lead—recommended for soldering potable water lines. Recommended for food piping and processing where expansion and vibration may be encountered. Flux component is water-soluble. Includes free full-size metal handle horsehair brush with each container. Can also be used as an extremely effective tinning flux. No backup solder required for pipe under 1½ inches. On larger sizes, backup can be done with any non-lead soft solder. UPC listed. Meets Spec. CID. A-A51145. (supersedes Fed. Spec. O-F-506). Conforms to ASTM B-486. MSDS #2.



Prod. No.	Size	Pack	Note	Bar Code
10210	1/2 lb.	12	includes brush	032628102101
10215	1 lb.	12	includes brush	032628102156



Flux

climate smooth™ soldering paste

Smooth, superior quality petrolatum based flux, specially formulated for use in extreme climate temperatures all year long. Unlike some paste fluxes which become semi-liquid when stored at high temperatures, and stiff at low temperatures, climate smooth will NOT lose its consistency. For use with all soft solders—including new, higher melting alloys. For sweat soldering most common metals except aluminum. Self-cleaning; lead-free formula. Chemically removes oxides on contact and prevents oxidation during heating. Meets Commercial Item Description A-A-51145 (supersedes Fed. Spec. O-F-506).

MSDS #4. ANSI MSDS #390.

Prod.

No.	Size	Pack	Note	Bar Code
10606	1.8 oz.	72	6-1dz. display packs	032628106062
10608	2 oz.	48	screw cap with brush	032628106086
10616	1/2 lb.	24	-	032628106161
10619	9 oz.	24	screw cap with brush	032628106195
10621	1 lb.	24	-	032628106215



H₂OFlux™ water flushable paste

Formulated to meet ASTM B-813 for water flushable fluxes. A blend of water soluble organic flux activators and wetting agents. All residue easily rinses clean with water. Lead-free. This smooth, non-runny paste applies easily and spreads evenly. Recommended for use with all soft solders, 95/5, and other lead free solder alloys. UPC listed. Meets all requirements of the Federal Safe Drinking Water Act.

MSDS #98. ANSI MSDS #387.

Prod. No.	Size	Pack	Note	Bar Code
10303	4 fl. oz.	12	-	032628103030
10307	16 fl. oz.	12	-	032628103078



jel-flux™

Non-petrolatum gel type soldering flux meets ASTM B-813 for water flushable fluxes. Cleans, fluxes, retards oxide formation while heating, and enhances solder flow. Lead-free, self-cleaning, and flows easily to provide quick, complete coverage – yet is specially formulated to avoid drips and runs during application. Use with soft solder, 95/5, and other lead free solders. Penetrates through oil film. For use on most common metals except aluminum and stainless steels. Meets Commercial Item Description A-A-51145 (supersedes Fed. Spec. O-F-506).

MSDS #6. ANSI MSDS #388.

Prod. No.	Size	Pack	Note	Bar Code
10810	4 oz.	24	dauber in cap	032628108103
10815	8 oz.	24	dauber in cap	032628108158



Preparation Products

open mesh abrasive cloth

For cleaning and preparing copper pipe and fittings for soldering. Can be used in wet environments, and is easily cleaned with water for re-use. Made with resin-bonded 180-grit aluminum oxide for a sharper cutting face. Both sides are equally effective in cleaning pipe. Non-clogging. Long lasting. Packaged in a dispensing box.



Prod. No.	Size	Pack	Note	Bar Code
45011	1 1/2" x 5 yds.	24	dispenser box	032628450110
45013	1 1/2" x 10 yds.	24	dispenser box	032628450134

grit roll™

For cleaning, polishing, and deburring copper pipe and fittings. Made with water-resistant resin-bonded aluminum oxide (120 grit size). Packaged in a dispensing box. Imported.



Prod. No.	Size	Pack	Note	Bar Code
45025	1 1/2" x 10 yds.	24	dispenser box	032628450257
45030	1 1/2" x 25 yds.	12	dispenser box	032628450301

fitting brushes

Industrial grade brushes feature abundant high-quality, long-lasting stainless steel bristles, assuring maximum performance and life. Available with wire or plastic handles.

Prod. No.	Size	Pack	Note	Bar Code
Wire handle:				
45050	1/2" CTS	36	(3 - 1 dz.)	032628450509
45055	3/4" CTS	36	(3 - 1 dz.)	032628450554
45060	1" CTS	36	(3 - 1 dz.)	032628450608
45061	1 1/4" CTS	12	-	032628450615
45062	1 1/2" CTS	12	-	032628450622
45063	2" CTS	12	-	032628450639



Heavier duty brush with Plastic Handle:

45070	1/2" CTS	36	(3 - 1 dz.)	032628450707
45075	3/4" CTS	36	(3 - 1 dz.)	032628450752
45080	1" CTS	36	(3 - 1 dz.)	032628450806
45081	1 1/4" CTS	12	-	032628450813
45082	1 1/2" CTS	12	-	032628450820
45083	2" CTS	12	-	032628450837



tube cleaning brush

Cleans the outside of tubing when preparing to solder. High quality, stainless steel bristles.

Prod. No.	Size	Pack	Note	Bar Code
45085	1/2" CTS	36	(6 - 6 pk.)	032628450851
45090	3/4" CTS	36	(6 - 6 pk.)	032628450905
45095	1" CTS	36	(6 - 6 pk.)	032628450950



solder flux and acid brush

Prod. No.	Size	Pack	Note	Bar Code
50400	5 3/4"	144	-	032628504004



Plastic Pipe Cements

Marketing Category #15

Professional contractors have long relied on Hercules plastic pipe cements, primers, and cleaners to join pipe and fittings securely and without leaks. Hercules plastic pipe cements are manufactured to very tight specifications to ensure consistently high performance.



Hercules Chemical Company® has converted our line to Low-VOC solvent cements, primers and cleaners for use with PVC, ABS and CPVC pipe. These Low-VOC products meet the requirements established by the same rules that have been adopted by LEED® (Leadership in Energy and Environmental Design). Each of our products has been formulated to provide the same exceptional performance and reliability as our former regular solvent cements, primers and cleaners.

Cements for PVC

pvc cement

clear, regular body, medium set, low VOC

PVC Types I & II, potable water, DWV, and SW pipe and fittings up to 4" diameter. Schedule 40.

Cement color: Clear. Label color: Pink.

VOC Level: 510 g/l. Meets ASTM D2564.

MSDS #119. ANSI MSDS #363.



Prod. No.	Size	Pack	Note	Bar Code
60043	1/4 pt.	12	dauber in cap	032628600430
60053	1/2 pt.	12	dauber in cap	032628600539
60055	1 pt.	12	jumbo dauber in cap	032628600553
60060	1 qt.	12	jumbo dauber in cap	032628600607
60065	1 gal.	6	-	032628600652



pvc cement

clear, medium body, medium set, low VOC

For PVC Types I & II, potable water, DWV, and SW pipe and fittings up to 6" diameter. Schedules 40 and 80.

Cement color: Clear. Label color: Blue.

VOC Level: 510 g/l. Meets ASTM D2564.

MSDS #92. ANSI MSDS #367.



Prod. No.	Size	Pack	Note	Bar Code
60003	1/4 pt.	12	dauber in cap	032628600034
60013	1/2 pt.	12	dauber in cap	032628600133
60015	1 pt.	12	jumbo dauber in cap	032628600157
60020	1 qt.	12	jumbo dauber in cap	032628600201
60025	1 gal.	6	-	032628600256



This takes it off see page 29

pvc cement

clear, medium body, fast set, low VOC

For PVC Types I & II, potable water, DWV, and SW pipe and fittings up to 8" diameter. Schedule 40 and 80.

Cement color: Clear. Label color: Yellow.

VOC Level: 510 g/l. Meets ASTM D2564.

MSDS #92. ANSI MSDS #349.



Prod. No.	Size	Pack	Note	Bar Code
60103	1/4 pt.	12	dauber in cap	032628601031
60113	1/2 pt.	12	dauber in cap	032628601130
60115	1 pt.	12	jumbo dauber in cap	032628601154
60120	1 qt.	12	jumbo dauber in cap	032628601208
60125	1 gal.	12	-	032628601253



pvc cement

clear, heavy body, slow set, low VOC

For PVC Types I & II, potable water, DWV, and SW pipe and fittings up to 15" diameter. Schedules 40 and 80.

Cement color: Clear. Label color: Tan.

VOC Level: 510 g/l. Meets ASTM D2564.

MSDS #120. ANSI MSDS #360.



Prod. No.	Size	Pack	Note	Bar Code
60155	1/4 pt.	24	dauber in cap	032628601550
60160	1 pt.	12	jumbo dauber in cap	032628601604
60165	1 qt.	12	jumbo dauber in cap	032628601659



pvc cement

gray, heavy body, slow set, low VOC

For PVC Types I & II, potable water, DWV, and SW pipe and fittings up to 15" diameter. Schedules 40 and 80.

Cement color: Gray. Label color: Gray.

VOC Level: 510 g/l. Meets ASTM D2564.

MSDS #93. ANSI MSDS #364.



Prod. No.	Size	Pack	Note	Bar Code
60210	1/2 pt.	24	dauber in cap	032628602106
60215	1 pt.	12	jumbo dauber in cap	032628602151
60220	1 qt.	12	jumbo dauber in cap	032628602205
60225	1 gal.	6	-	032628602250



below-zero pvc cement

clear, regular body, fast set, low VOC

For PVC Types I & II, potable water, DWV, and SW pipe and fittings up to 6" diameter. Withstands storage temperatures down to -10°F (-23°C). Schedule 40.

Cement color: Clear. Label color: Orange.

VOC Level: 510 g/l. Meets ASTM D2564.

MSDS #122. ANSI MSDS #361.



Prod. No.	Size	Pack	Note	Bar Code
60142	1/2 pt.	24	dauber in cap	032628601420
60145	1 pt.	12	jumbo dauber in cap	032628601451
60148	1 qt.	12	jumbo dauber in cap	032628601482



wet set pvc cement

aqua blue, medium body, fast set, low VOC

For PVC Types I & II, potable water, DWV, and SW pipe and fittings up to 8" diameter. Formulated for applications where conditions are wet and/or when quick pressurization is imperative. Ideal for lawn sprinkler and swimming pool installations. Schedules 40 and 80

Cement color: Aqua blue. Label color: Aqua blue,

VOC Level: 510 g/l. Meets ASTM D2564.

MSDS #94. ANSI MSDS #368.



Prod. No.	Size	Pack	Note	Bar Code
60253	1/2 pt.	12	dauber in cap	032628602533
60255	1 pt.	12	jumbo dauber in cap	032628602557
60260	1 qt.	12	jumbo dauber in cap	032628602601
60265	1 gal.	6	-	032628602656



Cements for ABS

abs cement

black, medium body, fast set, low VOC

For ABS potable water and DWV and SW pipe and fittings up to 8" diameter. Schedules 40 and 80.

Cement color: Black. Label color: Green.

VOC Level: 400 g/l. Meets ASTM D2235.

MSDS #64. ANSI MSDS #366.



Prod. No.	Size	Pack	Note	Bar Code
60503	1/4 pt.	12	dauber in cap	032628605039
60513	1/2 pt.	12	dauber in cap	032628605138
60515	1 pt.	12	jumbo dauber in cap	032628605152
60520	1 qt.	12	jumbo dauber in cap	032628605206
60525	1 gal.	6	-	032628605251



abs/pvc transition cement

green, medium body, fast set, low VOC

For joining ABS to PVC pipe and fittings up to 6" diameter, non pressure only. Schedules 40 and 80.

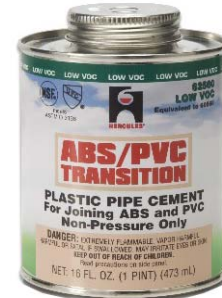
Cement color: Green. Label color: Brown.

VOC Level: 510 g/l. Meets ASTM D3138.

MSDS #121. ANSI MSDS #371.



Prod. No.	Size	Pack	Note	Bar Code
60555	1/2 pt.	24	dauber in cap	032628605558
60560	1 pt.	12	jumbo dauber in cap	032628605602



Cements for CPVC

cpvc cement

orange, medium body, fast set, low VOC

CPVC potable water pipe and fittings to 8" diameter. All schedules.

Cement color: Orange. Label color: Orange.

VOC Level: 490 g/l. Meets ASTM F493.

MSDS #95. ANSI MSDS #369.



Prod. No.	Size	Pack	Note	Bar Code
60303	1/4 pt.	12	dauber in cap	032628603035
60313	1/2 pt.	12	dauber in cap	032628603134
60315	1 pt.	12	dauber in cap	032628603158
60320	1 qt.	12	dauber in cap	032628603202



cpvc gold

gold, medium body, medium set, low VOC

One step cement for use on cpvc pipe and fittings, including flowguard gold®. For use on specific brands of cpvc pipe, verify suitability with pipe manufacturer. Schedules 40 and 80.

Cement color: Gold. Label color: Yellow.

VOC Level: 490 g/l. Meets ASTM F493.

MSDS #95. ANSI MSDS #369.



Prod. No.	Size	Pack	Note	Bar Code
60353	1/4 pt.	12	dauber in cap	032628603530
60358	1/2 pt.	12	dauber in cap	032628603585
60360	1 pt.	12	dauber in cap	032628603608
60365	1 qt.	12	dauber in cap	032628603653



Specialty Cements

multi-purpose cement

milky, medium body, fast set, low VOC

For potable water, DWV and SW pipe and fittings. For joining PVC, CPVC and ABS pipe and fittings up to 6" diameter. Schedules 40 and 80.

Cement color: Milky white. Label color: Olive.

VOC Level: 490 g/l. Meets ASTM D2564, D2235, F493.

MSDS #96. ANSI MSDS #370.



Prod. No.	Size	Pack	Note	Bar Code
60703	1/4 pt.	12	dauber in cap	032628607033
60713	1/2 pt.	12	dauber in cap	032628607132
60715	1 pt.	12	jumbo dauber in cap	032628607156
60720	1 qt.	12	jumbo dauber in cap	032628607200
60725	1 gal.	6	-	032628607255



Primers and Cleaner



Un-Purple® primer

clear, low VOC

Hercules Un-Purple Primer is designed to be used anywhere that regular purple primer can be used. Instead of being colored purple, a clear primer with a unique patented ultraviolet sensitive ingredient reveals its purple presence under UV light, helping to prevent staining and the resulting property damage. Un-Purple Primer is designed to work identically to other PVC/CPVC primers. No new technique is involved in the installation or testing. Simply apply as any other primers would be used. Hercules Un-Purple Primer goes on completely clear. Hercules Un-Purple Primer meets standards established by the American Society for Testing and Materials (ASTM) and is certified by the National Sanitation Foundation (NSF), and International Code Council Evaluation Services (ICC ES PMG). Many local codes, including the Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials (IAPMO) reference the ASTM standards. High Intensity pocket-sized UV flashlights and keychain UV flashlights with batteries are also available.

When using UnPurple Primer, the installer must have a UV flashlight or other UV light available for the inspector's use.

Primer color: Clear. Label color: Green.
VOC Level: 510 g/l. Meets ASTM F656.
MSDS #118. ANSI MSDS #346.



Prod. No.	Size	Pack	Note	Bar Code
60445	1 pt.	12	dauber in cap	032628604452
60447	1 qt.	12	dauber in cap	032628604476
50350	NA	1	High Intensity UV Flashlight	032628503502
50360	NA	5	Keychain UV Flashlight	032628503601



primer for pvc and cpvc

purple, low VOC

For use where plumbing codes require purple, rather than clear primers. Recommended method to soften and prepare surface of PVC and CPVC pipe fittings (all sizes and schedules except 1/2 in. CPVC) before applying solvent cements. **Use caution:** Purple primers contain a dye which is difficult or impossible to remove from many surfaces. (See Un-Purple Primer above)

Primer color: Purple. Label color: Purple.
VOC Level: 510 g/l. Meets ASTM F656.
MSDS #62. ANSI MSDS #372.



Prod. No.	Size	Pack	Note	Bar Code
60403	1/4 pt.	12	dauber in cap	032628604032
60413	1/2 pt.	12	dauber in cap	032628604131
60415	1 pt.	12	jumbo dauber in cap	032628604155
60420	1 qt.	12	jumbo dauber in cap	032628604209
60425	1 gal.	6	-	032628604254



pvc primer

clear, low VOC

Recommended method to soften and prepare surface of PVC pipe and fittings (all sizes and schedules) before applying solvent cements.

Primer color: Clear. Label color: Red.
VOC Level: 510 g/l. Meets ASTM F656.
MSDS #63. ANSI MSDS #347.



Prod. No.	Size	Pack	Note	Bar Code
60453	1/4 pt.	12	dauber in cap	032628604537
60458	1/2 pt.	12	dauber in cap	032628604582
60460	1 pt.	12	jumbo dauber in cap	032628604605
60465	1 qt.	12	jumbo dauber in cap	032628604650
60470	1 gal.	6	-	032628604704



This takes it off
see page 29

pvc primer

purple, low VOC

For use where plumbing codes require purple, rather than clear primers. Recommended method to soften and prepare surface of PVC pipe and fittings (all sizes and schedules) before applying solvent cements. **Use caution:** Purple primers contain a dye which is difficult or impossible to remove from many surfaces. (See Un-Purple Primer page 13)

Primer color: Purple. Label color: Lavender.

VOC Level: 510 g/l. Meets ASTM F656.

MSDS #70. ANSI MSDS #345.

Prod. No.	Size	Pack	Note	Bar Code
60473	1/4 pt	12	dauber in cap	032628604735
60483	1/2 pt.	12	dauber in cap	032628604834
60485	1 pt.	12	jumbo dauber in cap	032628604858
60490	1 qt.	12	jumbo dauber in cap	032628604902
60495	1 gal.	6	-	032628604957



plastic pipe and fittings cleaner

clear, low VOC

For removing foreign matter and dirt from ABS, PVC, and CPVC pipe and fittings.

Cleaner color: Clear. Label color: Yellow.

VOC Level: 100 g/l. MSDS #67.

Prod. No.	Size	Pack	Note	Bar Code
60652	1/4 pt.	12	dauber in cap	032628606524
60659	1/2 pt.	12	dauber in cap	032628606593
60664	1 pt.	12	jumbo dauber in cap	032628606647
60667	1 qt.	12	jumbo dauber in cap	032628606678
60669	1 gal.	6	-	032628606692

Accessories

plastic pipe cement brush

One inch wide, natural bristle brush. For larger size pipe and fittings to ensure a full and even application.

Prod. No.	Size	Pack	Note	Bar Code
50200	1"	36	-	032628502000



plastic pipe cement daubers

For clean, rapid application of cements and primers. Dauber extends to the bottom of the cans for which they were designed, so there is no wasted cement and no tipping of cans.

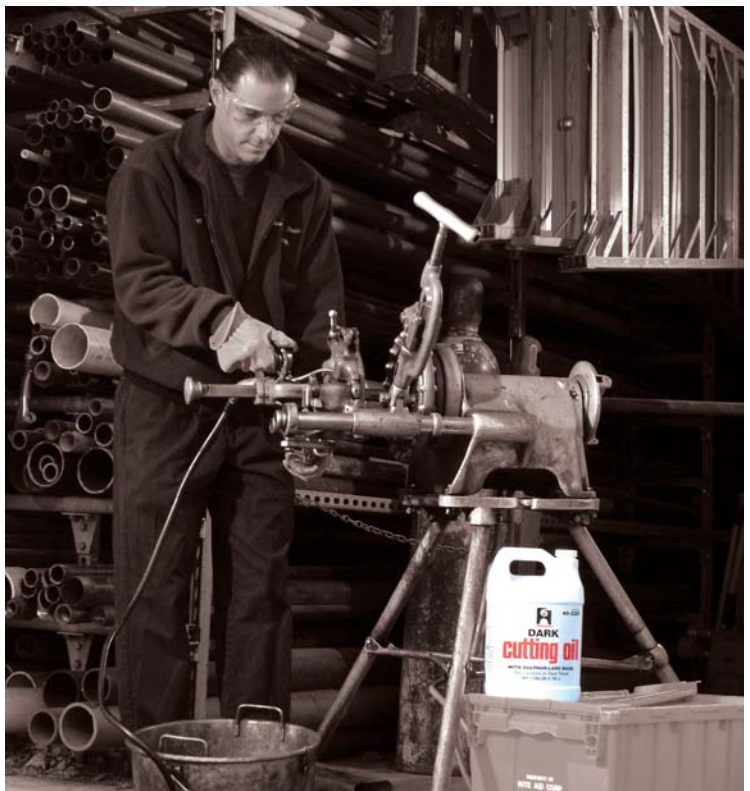
Prod. No.	Size	Pack	Note	Bar Code
50235	1 1/2" dia. for 1 pt.	48	-	032628502352
50245	1 1/2" dia. for 1 qt.	48	-	032628502451



Cutting Oil and Lubricants

Marketing Category #16

Trust Hercules for the highest quality, most versatile, multi-purpose oils and lubricants on the market. Whether a lubricant is needed for manual and machine metal working applications; lubricating moving metal parts; lubricating and preventing corrosion on valve stems, faucets, or ballcocks; or joining pipe and fittings with gaskets, Hercules has the right lubricant to meet the demands of the professional plumbers' most common applications.



Cutting Oil

Hercules cutting oils contain activated sulfur-lard and extreme pressure-antiwear additives assuring quick, accurate, and high quality cuts with minimum tool wear during sawing, turning or thread cutting of all types of metal. Hercules oils provide excellent lubrication for cutting sharp threads. Contains no nitrosamine-forming compounds or chlorine additives.

clear cutting oil

For use during manual threading or when using low rpm machines. Use also for manual sawing and light drilling. MSDS #43. ANSI MSDS #335.

Prod. No.	Size	Pack	Note	Bar Code
40110	1 pt.	24	-	032628401105
40115	1 qt.	12	-	032628401150
40120	1 gal.	6	-	032628401204
40125	5 gal.	1	-	032628401259
40140	55 gal.	1	-	032628401402

dark cutting oil

Formulated with extra-heavy mineral oil with sulfur-lard base. Keeps tools cool. For use with high-speed machines. MSDS #44. ANSI MSDS #336.

Prod. No.	Size	Pack	Note	Bar Code
40210	1 pt.	24	-	032628402102
40215	1 qt.	12	-	032628402157
40220	1 gal.	6	-	032628402201
40225	5 gal.	1	-	032628402256
40240	55 gal.	1	-	032628402409



Lubricants

lube oil with extenda-spout

Custom-formulated, multi-purpose lubricating oil. For use on motors, circulators and other pumps, sliding parts, bearings, chains, linkage, or wherever metal lubrication is desired. Features a squeeze bottle with telescopic EXTENDA-SPOUT - easier application for those hard-to-reach areas. Non-gumming, non-toxic, non-detergent, and will not foam during use. Contains rust and corrosion preventatives. Not for use in internal combustion engines or extreme heat producing operations. Viscosity equivalent to SAE 20W. MSDS #47. ANSI MSDS #321.



Prod. No.	Size	Pack	Note	Bar Code
40404	4 oz.	24	-	032628404045

jet-stream penetrating oil

Penetrates for speedy release of "frozen," rusted or corroded parts: threads, linkage, cables, rotating parts, etc. "Pin point" jet stream of oil for directional control, without over-spray. Safe for metals; will not harm painted surfaces. Contains a highly effective lubricant, Molybdenum Disulfide. MSDS #45.

Prod. No.	Size	Pack	Note	Bar Code
40300	12 oz.	12	aerosol can	032628403000



plumbers silicone grease

Silicone-based valve and faucet stem grease. Superior product lubricates and prevents corrosion on valve stems, faucets, ballcocks, linkages and other places where waterproof grease is needed. Excellent for steam and hot water plumbing. Safe for use on rubber and synthetic O-Rings, ensuring free movement and extended service life of faucets. Non-melting, non-hazardous. Withstands wide temperatures range from -40°F to +400°F. VOC free. MSDS # 128. ANSI MSDS #380



Prod. No.	Size	Pack	Note	Bar Code
40610	2 oz.	24	-	032628406100

300 degree plumbers grease

Petroleum oil-based grease for Valve and faucet stem. Lubricates stems of valves, faucets, and ballcocks. Prevents corrosion. Excellent for steam and hot water plumbing. Non-melting, non-hazardous. Waterproof. Withstands temperatures from -20°F to 300°F. MSDS #39. ANSI MSDS #381.



Prod. No.	Size	Pack	Note	Bar Code
40601	2 oz.	24	-	032628406018

duck butter®

Water soluble pipe lubricant for joining bell-and-spigot-type gasketed pipe and fittings with rubber, synthetic rubber, or plastic seals. For use on PW, DWV and sewer systems. Adheres to wet and dry surfaces. Usable from 10°F to 120°F. Does not support bacterial growth. Non-toxic; non-petroleum base. NSF certified to ANSI/NSF 61. MSDS #74.



Prod. No.	Size	Pack	Note	Bar Code
40501	2 lb.	12	-	032628405011
40506	8 lb.	4	-	032628405066



Putty, Epoxy, Sealants, and Caulk

Marketing Category #16

When professional plumbers need a watertight seal – whether installing a faucet or strainer, resetting tile, sealing roof flashing, or repairing a pipe – they know that Hercules products are formulated to do the job right every time. *Sta put®* putty, *pro poxy® 20*, *plumbers caulk*, *roof and flashing sealant* and new *sta put Ultra®* are trusted names that are synonymous with high quality and top performance.



Putty

sta put Ultra®

Patented **non-staining** plumbers putty is specifically formulated for natural, porous surfaces including stone, marble, granite, and grout. Sta put Ultra is the only true **oil-free** putty on the market. Ideal for watertight installation of sinks, faucets, basin cocks, strainers, plugs, shower bases, countertops, and other sealing and caulking applications. Also will not degrade other common surfaces such as plastics, rubber, and fiberglass. Molds easily, remains permanently soft, malleable, and flexible. Will not melt, rot, crumble, crack, dry out, or shrink. **Significantly easier to apply and clean up than silicone caulks.** Does not leave a greasy residue on hands or surfaces. Meets or exceeds Federal Specification A-A-3110 (formerly TT-P-1536A). MSDS #108. ANSI MSDS #339.



Prod. No.	Size	Pack	Note	Bar Code
25171	14 oz.	24	-	032628251717



sta put®

America's most popular brand of professional plumbers putty. This superior grade of plumbers putty molds easily, remains permanently soft, malleable, and flexible. Will not melt, rot, crumble, crack, dry out, or shrink. Ideal for use in setting bowls, fixtures, faucets, basin cocks, strainers, plugs, sink frames and all other sealing and caulking applications. Will not stick to hands. Excellent low temperature properties. Meets or exceeds Federal Specification A-A-3110 (formerly TT-P-1536A).

Note: Not for use on porous surfaces. For porous surfaces use sta put Ultra.

MSDS #22. ANSI MSDS #329.

Prod. No.	Size	Pack	Note	Bar Code
25101	14 oz.	24	-	032628251014
25103	3 lb.	12	-	032628251038
25105	5 lb.	6	-	032628251052
25110	7 lb.	6	plastic pail with handle	032628251106
25120	20 lb.	2	plastic pail with handle	032628251205



Epoxy

pro-poxy® TRIPLE PLAY

Repair and rebuild steel, copper and plastic with this handy triple package of three Hercules epoxies: **pro poxy® 20**, **plastic poxy™** and now **copper poxy™**. Each stick contains a fast acting, co-extruded stick of epoxy resin and hardener made for specific materials. Contains premeasured portions of activator and base throughout; no measuring or mixing tools are necessary. MSDS #127. ANSI MSDS #378.



Prod. No.	Size	Pack	Note	Bar Code
25527	3 - 2-3/8" Pcs	24 (2-1 dz.)	display pack	032628255272

pro-poxy® 20

Makes steel-reinforced repairs in just 20 minutes. Seals, mends, bonds, and repairs almost anything, even under water. Single stick two-part epoxy compound mixes quickly and easily and adheres to metals, masonry, wood, glass, ceramics and some plastics. Can be applied to damp or wet surfaces. Withstands temperatures to 300°F. Resistant to many acids, caustics, fuel oil, gasoline and other solvents. Compression strength 18,000 psi; tensile strength 6,000 psi. When cured in 20 minutes, may be drilled, sanded, filed and painted. Conforms to NSF Standard 61 and is safe for use with potable water. MSDS #24. ANSI MSDS #375.



Prod. No.	Size	Pack	Note	Bar Code
25515	4 oz.	24 (2-1 dz.)	display pack	032628255159

plastic poxy™

Fast acting, single stick, combination of epoxy resin and hardener mixes quickly and easily. Seals, mends, bonds, and repairs most plastics, including ABS, PVC and CPVC pipe and fittings. Resistant to many acids, caustics, fuel oil, gasoline and other solvents. Fully hardens in 40 minutes. Can be used on applications subject to temperatures of 250°F for extended periods. Compression strength to 8,000 psi; tensile strength to 800 psi. When cured, may be drilled, sanded, filed and painted. Not for use on polyethylene, polypropylene, polystyrene, and polybutylene. MSDS #86.



Prod. No.	Size	Pack	Note	Bar Code
25531	4 oz.	24 (2-1 dz.)	display pack	032628255319

Sealants

roof and flashing sealant

Not a roof coating or cement, but a specially formulated long-lasting sealant for plumbing applications. Forms durable, flexible, weatherproof coating around new and old flashings, cooling towers, skylights, downspouts, gutters, vents, chimneys, and general roof repairs. Adheres to concrete, metal, tile, roofing, and masonry, and withstands stress of dissimilar rates of expansion. No separation; no stirring time; no objectionable smell. Can be applied on cold or wet surfaces. Conforms to ASTM D-4586 Type 1 and ASTM D-3409. Not a coal tar-based product. Color: Black. MSDS #26. ANSI MSDS #337.

Prod. No.	Size	Pack	Note	Bar Code
25403	10.3 oz.	12	cartridge	032628254039
25405	1 qt.	12	-	032628254053
25410	1 gal.	6	-	032628254107
25415	5 gal.	1	-	032628254152



plastic seal™

This multi-purpose repair product is waterproof, goes on like caulk and cures like rubber. Specifically formulated as an excellent lead substitute that effectively seals soil pipe joints - easily, quickly, and inexpensively. Adheres to all metals, plastic, vitreous china, porcelain, and tile for multiple caulking and repair purposes. Will not shrink or crack when cured. Ideal for joining dissimilar materials. Withstands temperatures from -40° to 180°F. Does not contain any volatile organic compounds (0% VOC) or toluene diisocyanate (TDI).

MSDS #91. ANSI MSDS #373.

Prod. No.	Size	Pack	Note	Bar Code
25215	10.3 oz.	12	cartridge	032628252158



Caulk

plumbers caulk™ & plumbers caulk™ silicone

Specially formulated for the professional plumber.

Siliconized acrylic latex plumbers caulk seals and fills cracks and holes around tubs, showers, sinks, vanities, walls in bathrooms, kitchens, and laundry rooms. Premium-grade sealant has strong adhesion, lasting flexibility, and low shrinkage. Mildew-resistant. Easy soap & water clean-up. Paintable. White, bone/almond, and linen caulk cartridges exceed ASTM C-834, Type OP, Grade -18°C. Clear caulk cartridges exceed ASTM C-834, Type C, Grade 0°C. **100% silicone plumbers caulk** is a high-quality professional grade sealant. Permanently flexible, waterproof, shrinkproof and crackproof. Cured sealant resists mildew. Extreme weather and temperature resistance, -65° to 400°F. Excellent +/- 25% joint movement. Not paintable. Meets TT-S-001543A (COM-NBS); ASTM C-920, Type S, Grade NS, Class 25 use NT, G, A, and O test requirements.

MSDS#28, 71, 73, 107. ANSI MSDS # 354, 355, 356, 357, 358.



Prod. No.	Color	Size	Pack	Note	Bar Code
Siliconized acrylic latex plumbers caulk					
25605	White	5.5 fl. oz.	24 (2 - 1 dz.)	tube/display	032628256057
25615	White	10.1 fl. oz.	12	cartridge	032628256156
25620	Clear	5.5 fl. oz.	24 (2 - 1 dz.)	tube/display	032628256200
25625	Clear	10.1 fl. oz.	12	cartridge	032628256255
25631	Bone	5.5 fl. oz.	24 (2 - 1 dz.)	tube/display	032628256316
25636	Bone	10.1 fl. oz.	12	cartridge	032628256361
25641	Linen	5.5 fl. oz.	24 (2 - 1 dz.)	tube/display	032628256415
25646	Linen	10.1 fl. oz.	12	cartridge	032628256460
Silicone plumbers caulk					
25671	White	3 fl. oz.	12	carded tube	032628256712
25676	White	10.1 fl. oz.	12	cartridge	032628256767
25686	Clear	10.1 fl. oz.	12	cartridge	032628256866



high temp red™ silicone sealant

High performance one-step RED 100% silicone sealant for high temperature applications, provides a strong, durable, and flexible seal. Ideal for pipes, ducts/vents, valves, tanks, gaskets, and flues. Performs at temperatures ranging from -80°F to +600°F. Joint movement +/- 25% MSDS #117. ANSI MSDS #332.

Prod. No.	Size	Pack	Note	Bar Code
25666	10.1 fl. oz..	12	cartridge	032628256668

plumbers firestop™ sealant

Latex-based and intended for multi-purpose use, this intumescent sealant provides up to a three hour fire rating, and is designed for a wide array of firestop applications in small commercial or grouped residential construction or other structures with similar applications. Expands up to 10 times to block flame propagation. MSDS #116, ANSI MSDS #316.

Prod. No.	Size	Pack	Note	Bar Code
25696	10.1 fl. oz..	12	cartridge	032628256965



Miscellaneous

black magic™ asphalt paint

Premium-performing asphalt paint with extra-high concentration of performance-enhancing Gilsonite® resin for permanent waterproof, rustproof, and weatherproof protection. Bonds to and prevents corrosion on many substrates including furnaces, boilers, piping, ducts, storage tanks, steam and hot and cold water piping, and sheet metal. Can also be used on concrete and wood. Not for use on flue pipes. Interior/exterior use. Meets Fed. Spec. TT-C-494, and FF-H-C-494 and Military Spec. Mil-C-16173D.

Color: Black. MSDS #58. ANSI MSDS #338.

* Gilsonite® is a registered trademark of American Gilsonite Company

Prod. No.	Size	Pack	Note	Bar Code
45210	1 gal.	4	-	032628452107



pro-port™

Plumber's access door – ideal for easy access to new or existing plumbing and wiring. Provides a “finished” look, and eliminates costly wall and ceiling repairs. Installs easily. Hinged door can be removed and replaced at will. Durable plastic, maintenance free. Can be painted or papered.

Prod. No.	Size	Pack	Note	Bar Code
43008	8" x 8"	12	display box	032628430082
43014	14" x 14"	12	display box	032628430143



This takes it off see page 29

Bowl Setting Wax Gaskets and Bolts

Marketing Category #17

For generations, Hercules johni-rings® and johni-bolts® have set the standard for highest quality and best performing toilet-setting products. Johni-rings are cast at the factory, unmolded and immediately packaged in an exclusive fully-enclosed sealed "stick-free" package. Cleanly handled, easily installed, even on hot, humid days.



Wax Gaskets

johni-ring® – standard size

100% pure high-grade petroleum wax for installing closet bowls. Soft and flexible to conform to rough and uneven surfaces. Comes in all-weather non-stick package. Non-stainless, waterproof, impervious to vermin, odors, gases, and acid. Makes positive, permanent, sanitary closet bowl seal. Won't dry or deteriorate. Also available in combination packs with solid brass double nut closet bolts. Meets Fed. Spec. TT-P-1536A. MSDS #68.

Prod. No.	Size	Pack	Note	Bar Code
90210	for 3" or 4" lines	48	-	032628902107
90220	for 3" or 4" lines	24	with plastic horn	032628902206
90230	for 4" lines	24	with plastic horn	032628902305

johni-ring® – jumbo

100% pure high-grade petroleum wax for installing closet bowls. A full 1/2" thicker than standard rings (40% more wax). Eliminates need to use (and is more reliable than) two standard bowl rings when there is a wide gap between flange and floor. Soft and flexible to conform to rough and uneven surfaces. Comes in all-weather non-stick package. Non-stainless, waterproof, impervious to vermin, odors, gases, and acid. Makes positive, permanent, sanitary closet bowl seal. Won't dry or deteriorate. Also available in combination packs with solid brass double nut closet bolts. Meets Fed. Spec. TT-P-1536A. MSDS #68.

Prod. No.	Size	Pack	Note	Bar Code
90243	for 3" or 4" waste lines	24	-	032628902435
90241	for 3" or 4" waste lines	24	with plastic horn	032628902411



Wax Gaskets – Specialties

johni-ring® for urinals

Constructed of high quality petroleum wax with a sturdy felt core that provides a resilient no-leak seal every time. Fits most wall hung urinals. Provides true alignment and is gas and water-tight. Won't dry or deteriorate. Meets Fed. Spec. TT-P-1536A. MSDS #68.

Prod. No.	Size	Pack	Note	Bar Code
90260	for 2" waste lines	24	-	032628902602

johni-ring® for back outlet toilets

Constructed of high quality petroleum wax with a sturdy felt core that provides a resilient no-leak seal every time. Fits most 4" wall hung and floor mounted toilets. Provides a permanent sanitary seal that is gas and water tight. Won't dry or deteriorate. Meets Fed. Spec. TT-P-1536A. MSDS #68.

Prod. No.	Size	Pack	Note	Bar Code
90270	for 4" waste lines	24	-	032628902701

johni-ring® closet bolts combination pack

Same high quality johni ring with a pre-packed combination of 1/4" x 2 1/4" solid brass toilet bolts for "double nut" installation. Comes in all-weather non-stick package. Non-stainless, waterproof, impervious to vermin, odors, gases, and acids. Makes positive, permanent, sanitary closet bowl seal. Won't dry or deteriorate. Meets Fed. Spec. TT-P-1536A. MSDS #68.

Prod. No.	Size	Pack	Note	Bar Code
90214	for 3" or 4" waste lines	48	regular flat ring	032628902145
90224	for 4" waste lines	24	with plastic horn	032628902244
90234	for 3" or 4" waste lines	24	with plastic horn	032628902343
90203*	for 3" or 4" waste lines	24	*	032628902039

* jumbo with plastic horn and XL 3 1/2" bolts

johni-ring® / johni quick bolts® combination pack

Same high quality johni ring with pre-packed 1/4" johni quick bolts for fast and secure installation, no "fall-through," no wobble. Rings comes in all-weather non-stick package. Non-stainless, waterproof, impervious to vermin, odors, gases, acids. Makes positive, permanent, sanitary closet bowl seal. Won't dry or deteriorate. Meets Fed. Spec. TT-P-1536A. MSDS #68.

Prod. No.	Size	Pack	Note	Bar Code
96401	for 3" or 4" waste lines	48	regular flat ring	032628964013
96402	for 3" or 4" waste lines	24	with plastic horn	032628964020
96403	for 4" waste lines	24	with plastic horn	032628964037



Quick
JOHNI BOLT

Slide 'n' Twist ... That's it!

- Ends "double nutting"
- Ends "wobble"
- Ends "wax sculpture"
- Saves Time

Closet Bolts

johni-bolts®

The original, genuine solid brass 2-1/4" closet bolt with time saving snap-off slot and captive washer. A pair of pliers easily snaps off the top of the bolt. Captive washer keeps bolt upright and prevents it from falling through the flange. Oversized solid brass acorn nuts, stainless steel washers. Packaged in pairs (two bolts with captive washer, two washers, two brass acorn nuts per package). Specially designed head fits into every flange and slides easily into position.



Prod. No.	Size	Pack	Note	Bar Code
90104	1/4" diameter	100	-	032628901049
90124	5/16" diameter	100	-	032628901247

johni-bolts® xl

Extra-long solid brass closet bolt with captive washer. Full 3-1/2" in length for applications where there is a wide gap between floor and flange. Packaged in pairs (two bolts with captive washer, two washers, two brass acorn nuts per package).



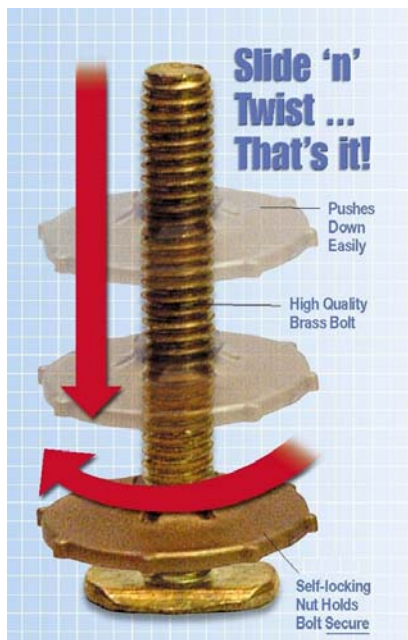
Prod. No.	Size	Pack	Note	Bar Code
90154	1/4" diameter	100	-	032628901544
90174	5/16" diameter	100	-	032628901742

johni quick bolt®

The same high quality solid brass bolts with a unique new bolting system for mounting toilets. Eliminates wobbly bolts and the use of double-nutting, flimsy wax, putty or thin plastic washers. Fast and easy, just push down and twist to tighten in one quick motion.



Prod. No.	Size	Pack	Note	Bar Code
90904	1/4" diameter	100	-	032628909045
90905	5/16" diameter	100	-	032628909052
90906	1/4" diameter	50	-	032628909069
90907	5/16" diameter	50	-	032628909076



Drain & Waste System Cleaners

Marketing Category #18

When professionals need to use drain and waste system cleaners, they know they can turn to Hercules for the best quality and highest performing products available. Two trusted brands, Hercules and Cloroben, offer a variety of solutions for a variety of specific needs. These include emergency drain openers, drain system maintenance including unique clog-specific formulations, septic system care and repair, root controls, and unique grease management products.



Acid Drain Openers

Hercules clobber® and Cloroben® Drain Snake®

FOR PROFESSIONAL USE ONLY; NOT FOR RETAIL SALE.

Two of the most recognized names in sulfuric acid emergency drain openers. Fastest method for clearing emergency waste line stoppages. No mechanical equipment needed. Rapidly disintegrates paper, rags, sanitary napkins, food scraps and all organic matter. Melts ice, liquefies grease. Use clobber or Drain Snake on most metal (except stainless steel, aluminum, chrome, galvanized steel) and plastic pipe. Concentrated (93%) virgin sulfuric acid drain opener with corrosion inhibitors to protect ferrous (cast iron, steel piping) and non-ferrous (copper, brass, lead) metals. MSDS #16 and #203. ANSI MSDS #342 and #343.



Hercules clobber®

Prod. No.	Size	Pack	Note	Bar Code
20205	1 qt.	12	-	032628202054
20211	1/2 gal.	6	with SAF-T-POR spout	032628202115

Cloroben Drain Snake®

Prod. No.	Size	Pack	Note	Bar Code
172001	1 qt.	12	-	661000010255
172002	1/2 gal.	6	-	661000010262

Each clobber and Drain Snake product is shipped in a DOT approved package; comes in a sealed plastic bag, and has a child-resistant cap

Hercules sizzle® and Cloroben DE®
FOR PROFESSIONAL USE ONLY; NOT FOR RETAIL SALE.

The leading brands for effective removal of urinary salts, lime, rust, scale, concrete, hard mineral deposits, and insoluble salts from water systems, waste lines, toilets, urinals, humidifiers, boilers, and heating and air conditioning equipment. Triple action formula of virgin 32% hydrochloric acid blended with effective corrosion inhibitors and strong foam suppressant - makes it safe for all plastic and metal plumbing and equipment, except aluminum and galvanized steel. Cleans and restores heat transfer efficiency to boilers, radiators, and water heaters. Will not heat-shock porcelain fixtures. Clears plaster, grout and concrete obstructions from new and old construction. Special pH test kit supplied with sizzle assures acid-free system when job is complete. Does not contain phosphates. MSDS #17 and #204. ANSI MSDS #340 and #341.



Hercules sizzle				
Prod. No.	Size	Pack	Note	Bar Code
20305	1 qt.	12	-	032628203051
20310	1 gal.	4	with SAF-T-POR spout	032628203105

Cloroben DE				
Prod. No.	Size	Pack	Note	Bar Code
192001	1 qt.	12	-	661000010279
192002	1 gal.	4	-	661000010286

Each sizzle and DE product is shipped in a DOT approved package, and has a child-resistant cap.

Non-Acid Drain Openers

liquid glug® for bathroom and liquid glug® for kitchen

Non-acid, maximum strength, liquid drain opener with clog-specific formulations. For the kitchen: attacks clogs caused by buildup of fats, grease and foodstuffs. For the bath: attacks clogs caused by hair and soap deposits. Pours through standing water, its denser-than-water formula travels straight to the clog to begin working instantly. Clears odor causing build-up. When used as a maintenance treatment, prevents repetitive drain stoppages. Safe for all types of plumbing fixtures, metal (except aluminum), or plastic pipes and septic systems. Suitable for consumer sales. Splash resistant. Contains no phosphates. MSDS #97 and #82. ANSI MSDS #303 and #302.

liquid glug for bathroom				
Prod. No.	Size	Pack	Note	Bar Code
20450	1 qt.	10	-	032628204508
20455	1/2 gal.	6	-	032628204553

liquid glug for kitchen				
Prod. No.	Size	Pack	Note	Bar Code
20470	1 qt.	10	-	032628204706
20475	1/2 gal.	6	with SAF-T-POR spout	032628204751

All glug products come with a child-resistant safety cap.



glug® crystals

Powerful action, non-acid crystals clear sluggish drains and prevent clogging. Leaves no offensive after-odor. Works fast on sluggish drains caused by grease, hair, soap scum, food scraps and other organic materials. Harmless to most metal and plastic pipe, valves and fittings. Suitable for consumer sales. Avoid contact with aluminum utensils, acrylic and fiberglass bathtubs, basins and surfaces. Not for use with garbage disposals.

MSDS #85. ANSI MSDS #319.

Prod. No.	Size	Pack	Note	Bar Code
20412	16 oz.	24	-	032628204126
20410	20 oz.	24	-	032628204102
20413	32 oz.	12	-	032628204133
20415	6 lb.	4	-	032628204157

All glug products come with a child-resistant safety cap.



Cloroben® OPEN WIDE

Crystal drain opener clears grease, hair, compacted food, soap scum and sludge in minutes. Low heat formula makes OPEN WIDE safe for all plumbing, including toilets and septic systems, when used as directed. Oxidizing power neutralizes odors within seconds. Effervescent formula is self-dissolving and works through hot or cold standing water. Use regularly to keep drains free-flowing and odor free. Not for use on aluminum, galvanized steel, or garbage disposals.

MSDS #211.

Prod. No.	Size	Pack	Note	Bar Code
271131	1 lb.	12	-	661000010361



Cloroben® CloroClean®

Dry crystalline, non-acid formula disintegrates clogs caused by organic matter such as grease, sludge, paper, lint, hair and food waste, by producing strong heat and a chemical action. Caustic/metallic formulated CloroClean is safe for home septic systems or cesspools when used as directed. Works in cold water and cuts through standing water. Harmless to plastic or metal pipes, valves and fittings, and will not damage chrome, brass or fine plumbing fixtures. Effervescing formula can be used for emergency stoppages and as a preventive treatment for clogged, slow-moving drains. This super duty, extra-high heat formula is especially effective in main lines and sewers. Not for use on aluminum, galvanized steel, or garbage disposals.

MSDS #212. ANSI MSDS #392.

Prod. No.	Size	Pack	Note	Bar Code
204231	1 lb.	12	-	661000010903
204141	25 lb.	1	-	661000010699



Root Destroyers

root force™ Foaming Root Destroyer

A blend of high foaming surfactants, fillers and active root-killing ingredients. Kills existing growth contained within the pipe and helps resist the formation of new roots. Highly productive foaming system, releases the chemical herbicide, which clings to and is absorbed by infiltrating root tips. Affected roots then decompose and are washed away without injury to the main tree or shrub. Because Root Force also clings to pipe surfaces, new root growth from outside the pipe is inhibited. Can be used in lines leading to cesspools and septic tanks when used as directed. Does not contain copper or copper compounds and is thus usable even where copper products are restricted. Packaged in water soluble bags; no measuring, no mixing, no mess. EPA Registration No. 7687-3, EPA Est. No. 065387-AR-001.

MSDS #115. ANSI MSDS #318.

Prod. No.	Size	Pack	Note	Bar Code
20550	1 lb.	6	2-8 oz. bags	032628205505



R-D™ (root destroyer)

Concentrated chemical product specifically formulated to clear and prevent root-blocked sewer lines. Non-caustic, non-acid, copper sulfate based herbicide - harmless to skin or clothing. Safe to use in lines leading to septic tanks, cesspools and dry wells when used as instructed. Will not harm trees, shrubs, or other vegetation. Contains large crystals of copper sulfate which dissolve slowly, increasing contact time with roots to ensure more complete removal. Use of copper sulfate root destroyers is not permitted in Connecticut and San Francisco Bay area of California. EPA Registration. No. 7687-1, EPA Est. No. 7687NJ01. MSDS #19.



Prod. No.	Size	Pack	Note	Bar Code
20602	2 lb.	6	-	032628206021
20610	50 lb.	1	-	032628206106

Flow Improvers

wham®

Environmentally safe, biodegradable waste system cleaner clears and conditions drains, septic tanks, cesspools, grease traps and drain fields. Dissolves and controls build-up of grease, sludge, slime, soap, and detergents in residential and all types of commercial drain, waste and vent plumbing. Prevents fouling, odors and flooding in grease traps, sumps and lift stations. Use regularly to prevent grease-related problems and to keep drain and waste systems functioning properly. Restores porosity and maximum drainage to grease-clogged soil. Safe for septic systems and municipal treatment facilities. Does not contain any acids, caustics, or other harsh or harmful ingredients. Safe for digestive bacteria. May be used as a cleaner/degreaser/emulsifier during mechanical snaking. Improves flow of gravel absorption beds around cesspools, drywells, leach tanks and drain field laterals. MSDS #15. ANSI MSDS #374.



Prod. No.	Size	Pack	Note	Bar Code
20110	1 qt.	12	-	032628201101
20115	1 gal.	6	-	032628201156
20120	5 gal.	1	-	032628201200
20130	55 gal.	1	-	032628201309

Cloroben® PT-4™

A unique non-acid, non-caustic formulation, PT-4 is formulated to safely liquefy and disperse grease, soap scum, food residue, sludge and other waste build-up in all types of plastic or metal plumbing. Pine scented PT-4 helps prevent blockages before they happen and quickly cleans and deodorizes all parts of drainage systems. Makes snaking a drain line easier and cleans greasy solids from tools and many types of hard surfaces. PT-4 has a carry-through effect to sewers and septic systems. Greasy matter is kept in solution and prevented from redepositing and causing inside (crown) corrosion and the formation of sewer gases downstream. Since waste is solubilized it is readily available to waste stream microorganisms, beginning the biodegradation process. PT-4 is biodegradable, does not contain any petroleum-based solvents, ozone depleting substances, greenhouse gases, or agents listed as marine pollutants. Regular use of Cloroben PT-4 improves the function and condition of grease traps, prevents waste accumulation and odor problems in lines, floor drains, traps or disposal units, and keeps sump lift stations operating properly. It also reduces or eliminates operation downtime and damage from grease trap overflow. Ideal for use in garbage disposals. MSDS #208. ANSI MSDS 307.



Prod. No.	Size	Pack	Note	Bar Code
137501	1 qt.	12	-	661000010712
137503	1 gal.	4	-	661000010729
137504	5 gal.	1	pail	661000010743
137507	15 gal.	1	drum	661000010743
137509	55 gal.	1	drum	661000010767

Cloroben® PT-BIO1™

A concentrated liquid blend of fast acting grease and waste digesting bacteria and safe, biodegradable grease and soil modifiers. Does not contain any acids, caustics, solvents or other harsh or harmful ingredients. PT-BIO1 continues its grease-digesting action in sewer lines, improving the performance of cesspools, septic tanks, and drainfields. Waste digesting bacteria biodegrade greasy matter en route, preventing redeposition and problems such as crown corrosion and sewer gas formation. Safe for use in all types of drainage plumbing. Helps eliminate unpleasant odors and slow drainage by breaking down and digesting fats, oils, grease, and other waste stream organics. Regular use of PT-BIO1 improves the function and condition of grease traps, prevents waste accumulation and odor problems in lines, floor drains, traps or disposal unit, and keeps sump lift stations operating properly. It also reduces or eliminates operation downtime and damage from grease trap overflow.
MSDS #210. ANSI MSDS #308.



Prod. No.	Size	Pack	Note	Bar Code
137301	1 qt.	12	-	661000010415
137303	1 gal.	4	-	661000010422
137304	5 gal.	1	pail	661000010439
137307	15 gal.	1	drum	661000010439
137308	30 gal.	1	drum	661000010446
137309	55 gal.	1	drum	661000010453

Cloroben® Cloro-doser®

An automatic dispensing system to maintain and manage waste and grease disposal. Automatic dosing improves the function and condition of grease traps; prevents waste accumulation and odor problems in lines, floor drains, traps, and disposal units. Keeps sump lift stations operating properly. Reduces or prevents damage and subsequent operation downtime from grease trap overflow. Integral peristaltic pump is self-priming and anti-siphoning. Provides treatment effectiveness and versatility as it dispenses PT-4 or PT-BIO1 at variable times and durations, even skipping days if needed. Can pump up to 60 gallons of product per set of batteries; or use the optional power adapter. Comes complete with all necessary fittings and tubing for easy mounting and immediate operation. Additional accessories available. See specification sheet.



Prod. No.	Size	Pack	Note	Bar Code
301005	-	1	automatic dispenser	661000020025
301050	-	1	AC power adapter	661000020056
301020	-	1	PumpHead Stack Kit	661000020049

Septic Products

Cloroben® AID-Ox®

Oxygen-based foaming porosity maintainer formulated to treat clogged gravel beds surrounding cesspools, seepage pits, drywells, and drainfields. Detoxifies drains, and deodorizes stagnant drainage areas, enhancing conditions for aerobic bacterial growth. Contains no acids, caustics or organic solvents. Free-flowing and self-dispersing dry crystalline form of hydrogen peroxide, which breaks down into non-toxic, non-polluting by-products such as oxygen, water and naturally occurring minerals. Must be added directly to cesspool, seepage pit, distribution box or clean-out leading directly into the drainage area. When added to the standing water in the main access port of a cesspool, seepage pit, or distribution box, Aid-Ox dissolves the sealing crust and reconditions the bio-mat allowing proper drainage of the cesspool or drainfield. Use on a periodic basis to maintain undersized or heavily stressed systems. Environment and consumer safe.
MSDS #201. ANSI MSDS #308



Prod. No.	Size	Pack	Note	Bar Code
252034	9 lb.	4	-	661000010347

Cloroben® SEPTIC-FLOW™

Use to keep septic system in peak condition. Concentrated liquid bacterial additive improves waste degradation throughout entire septic system. Each ounce of septic flow contains billions of super-active microorganisms. Keeps bacterial population at optimum levels in septic systems. Performs over a wide variety of conditions - temperature and pH variations or the presence of household cleaners and disinfectants. Regular use reduces back-ups and odors while keeping septic systems clean and free flowing.

Helps prevent drain field failure.

MSDS #213.

Prod. No.	Size	Pack	Note	Bar Code
139302	1/2 gal.	6	-	661000020018



septic tank and cesspool cleaner

Dissolves grease and organic matter in clogged, sluggish or malfunctioning cesspools, septic tanks and grease traps. Ideal for emergency use to eliminate back-up and overflow. Rapidly liquefies grease and dissolves sludge and deposits on baffles, floats and pump housings. Non-acid formula will not harm concrete, cinder block, metal tanks, plastic, clay, or cast iron sewer lines. Use before pumping to dissolve all organic matter including hair, grease, paper, wood, etc. Contains no toxic pollutants.

CT D.E.P. sec. 22a-462-3 R.C.S.A.

MSDS #20.

Prod. No.	Size	Pack	Note	Bar Code
20705	5 lb.	6	-	032628207059
20715	25 lb.	1	-	032628207158



Cloroben® BACTA-Life®

A concentrated powdered product formulated to bacterially repopulate recently pumped septic systems or after long periods of cold weather or inactivity. BACTA-Life is a blend of specialized microbes, highly potent enzymes, micro-nutrients, and growth accelerators to digest grease, soap-scum, starch, proteins, carbohydrates and cellulose/paper. Product disperses quickly on contact with water, and immediately begins to break down deposits and neutralize odors in waste water systems. Contains no acids, caustics or solvents and is safe for use in all areas of wastewater plumbing. Enhances the natural biology of cesspools, septic tanks and drainage areas.

MSDS #202.

Prod. No.	Size	Pack	Note	Bar Code
222031	1 lb.	12	-	661000010323



Specialty Products

iron ike®

Iron ike chemically dissolves and removes rust and iron stains on contact. Effective in water softeners, water heaters, toilets, tubs, tile, piping, stoves, tools and more. Bleaches out various dyes and ink stains. Works equally well on concrete, metal, plastic and clothing (follow label precautions).

Does not contain phosphoric acid, phosphates or chlorine.

MSDS #49.

Prod. No.	Size	Pack	Note	Bar Code
45400	20 oz.	12	-	032628454002
45403	5 lb.	6	-	032628454033



Hand Cleaning

Marketing
Category #19

*Who can resist strong yet gentle?
Unlike other general purpose hand
cleaners, Hercules cleaning products
are the most effective on the market
and are specially formulated to
remove the materials plumbers use
every day. No more excuses for dirty
"plumber's hands."*

Only from Hercules.



Hercules for Hands™

Pre-moistened hand cleaning towels specially formulated for plumbers. Anti-bacterial and ready-to-use, they remove industrial paints, lubricants, adhesives, tar, printer's ink, sealants, grease, oil, grime, caulks, flux and other stubborn materials. They soften and remove plastic pipe cement. Hercules for Hands towels are a safe alternative to products with harsh skin-drying solvents or abrasive particles - contains skin-conditioning aloe vera, lanolin and vitamin E. The 12" x 10" towels are rugged, and won't shred or leave residue on hands and can also be used to clean many surfaces (see label precautions). Features a unique, patented storage lid that keeps all remaining towels moist.

MSDS #87. ANSI MSDS #304.

Prod. No.	Size	Count	Pack	Note	Bar Code
45333	12"X10"	70	6	dispenser tub	032628453333
45333T	12"X10"	70	30	P.O.P. display	032628453333
45337	12"X10"	25	6	Thin Tub	032628453371



cream hand cleaner (waterless)

The traditional favorite for mechanics' greasy hands. Cleans hands thoroughly with or without water. Removes grease, paint, putty, carbon, ink, adhesives and much more. Can be used as a laundry pre-spotter. Lubricates while it cleans, contains no abrasives. Leaves no greasy, sticky film. MSDS #48.

Prod. No.	Size	Pack	Note	Bar Code
45304	14 oz.	12	-	032628453043



Hercules for Hands™ lemon lotion hand cleaner

Professional strength cleaner formulated with pumice to remove plastic pipe cement, sealants, lubricants, flux, adhesives, caulks, industrial paints, tar, printer's ink, grease, oil and grime. Requires no water, or rinsing, and dries immediately leaving no residue. Pleasant citrus scent. MSDS #81.

Prod. No.	Size	Pack	Note	Bar Code
45314	15 fl. oz.	12	flip-top cap	032628453142
45316	1 gal.	4	pump dispenser	032628453166



Hercules for Hands™ pumice lotion hand cleaner

Professional strength cleaner formulated with pumice to remove plastic pipe cement, sealants, lubricants, flux, adhesives, caulks, industrial paints, tar, printer's ink, grease, oil and grime. Protects and moisturizes hands with aloe vera, vitamin E, and lanolin - with just enough pumice added to scrub those difficult spots. Requires no water, or rinsing, and dries immediately leaving no residue. MSDS #69.

Prod. No.	Size	Pack	Note	Bar Code
45325	15 fl. oz.	12	flip-top cap	032628453258
45328	1 gal.	4	pump dispenser	032628453289



***Hercules for Hands™
A complete assortment of
hand cleaners specially
formulated for the
professional plumber***



HVAC/ Heating Products

Marketing
Category #20

A well-maintained hydronic heating system provides reliable performance even during the harshest winter. Heating maintenance professionals know that top quality materials are critical to achieving superior performance. That is why heating and HVAC contractors depend on Hercules maintenance and stop-leak products.

They are formulated for high performance and developed with both the user and the environment in mind. Hercules "clean and friendly" furnace cement is the latest example of this commitment. Its patented formula was the first to meet OSHA's requirement of less than 0.1% crystalline silica.



Stop-Leaks

boiler liquid

Seals and repairs cracks and leaks in steam and hot water systems. This liquid formula will not clog hot water coils, controls, valves, or vents. Forms a tough seal that expands and contracts with heat. Resists high pressure and is not affected by boiler cleaners. No odors - no priming - no foaming. Does not contain petroleum distillates. Compatible with Hercules cryo-tek™ or other types of propylene glycol-based anti-freeze products, chemical additives and boiler treatment compounds.

MSDS #30. ANSI MSDS #311.

Prod. No.	Size	Pack	Note	Bar Code
30115	1 qt.	12	-	032628301153
30120	1 gal.	6	-	032628301207
30125	5 gal.	1	-	032628301252



base hit™ II

Seals and prevents leaks in ferrous, non-ferrous and radiant tube hydronic systems. Works fast and does not clog vents, valves, pneumatic tanks, circulator impellers, coils or controls. Normal operation of the system is not affected. Equally effective on steel, cast iron or copper. Add to old or new installations for leak protection and moving part wear prevention. Compatible with Hercules cryo-tek™ or other types of propylene glycol-based anti-freeze products, chemical additives and boiler treatment compounds. Will not harm rubber or plastic components.

MSDS #29. ANSI MSDS #309.

Prod. No.	Size	Pack	Note	Bar Code
30213	12 oz.	12	-	032628302013
30206	1 gal.	6	-	032628302068
30214	5 gal.	1	-	032628302143



boiler solder

Powdered stop-leak quickly finds and seals trouble spots on cracked steam or hot water heating boilers. Forms a tough seal that expands and contracts with boiler metal. Resists high pressure and temperature. Once set, seal will not be dislodged by boiler cleaners. No odors. Petroleum-free. Will not clog system, valves and vents or interfere with normal boiler operation. Will not harm rubber or plastic parts. Compatible with Hercules cryo-tek™ or other types of propylene glycol-based anti-freeze products, chemical additives and boiler treatment compounds.

MSDS #31. ANSI MSDS #312.

Prod. No.	Size	Pack	Note	Bar Code
30310	1 lb.	12	-	032628303102



Maintenance

boiler and heating system cleaner

Liquid cleaner and corrosion preventative treatment for hydronic boilers and heating systems. Removes rust and scale. Emulsifies oil, grease and sludge. Prevents foaming. No draining or flushing necessary in moderately dirty boilers. Will not harm rubber or plastic components. Add to any hydronic system to prevent boiler scale build-up, corrosion and clogging of heating system valves. Helps maximize boiler efficiency. Silicone additive helps purge dissolved air and provides lubrication to pumps, seals and valves. Compatible with Hercules cryo-tek™ anti-freeze, other propylene glycol-based anti-freeze products and commonly used stop-leak compounds. Not for use on aluminum heat exchangers. MSDS #35. ANSI MSDS #310.

Prod. No.	Size	Pack	Note	Bar Code
35206	1 qt.	12	-	032628352063
35211	1 gal.	6	-	032628352117
35216	5 gal.	1	-	032628352162



aluminum-safe boiler and heating system cleaner

Specifically formulated to clean and condition steam and hot water boilers and hydronic heating systems with aluminum heat exchangers. Contains friction reducers which protect pumps by lubricating seals; frees and lubricates zone valves. Prevents clogging of hot water valves and other flow valves and helps stop priming and foaming with a special anti-foam agent. Safe and simple to use. Promotes maximum boiler efficiency and saves fuel. Removes oil, sludge, loose rust and scale and prevents corrosion. No draining or flushing is necessary unless system is very oily, rusty, or in unusually dirty condition. Safe for use in systems with rubber and plastic components. Compatible with cryo-tek™ -100/Al anti-freeze, and commonly used chemical additives and boiler treatment compounds.

MSDS #126. ANSI MSDS #379.

Prod. No.	Size	Pack	Note	Bar Code
35220	1 qt.	12	-	032628352209

scout™

Non-toxic, odorless steam boiler cleaner contains fast-acting sodium tri-phosphate (STPP). Stops priming, and surging in minutes. Removes rust, scale, oil, foam and impurities without draining or flushing system. Cleans pressure vessels, steam kettles, heat exchangers, steam generators and tanks. Safe to use on process equipment and other sensitive, critical applications. When used on a regular basis, scout provides clean, dry steam along with improved boiler efficiency, fuel economy and heat transfer. Will not harm rubber or plastic components. Contains no petroleum distillates.

MSDS #34.

Prod. No.	Size	Pack	Note	Bar Code
35100	113 g.	12	-	032628351004



power flow™

Fuel oil additive that improves combustion efficiency, reducing fuel oil waste in heating systems. Minimizes breakdowns by cleaning clogged lines, strainers, nozzles, pumps and burners. Dissolves sludge and emulsifies water from condensation. Prevents waxing and gelling of oil, and inhibits rust formation in fuel tank. Prevents ice formation and helps prevent freeze-ups. Protects fuel oil during summer storage. Single use package sized for typical home 275-gallon oil tank. MSDS #88. ANSI MSDS #323.

Prod. No.	Size	Pack	Note	Bar Code
35302	1 pt.	24	-	032628353022



sludge treat

Helps eliminate burner breakdown from sludge and water in fuel oil and tanks. Disperses sludge and emulsifies water in oil tanks to prevent tank corrosion, sludge formation and winter freeze-ups - ensures a steady flow at all times. Increases fuel tank life, minimizes breakdowns from clogged lines, strainers and nozzles. Improves combustion efficiency, reduces soot formation and conserves energy. MSDS #36. ANSI MSDS #331.

Prod. No.	Size	Pack	Note	Bar Code
35310	1 qt.	12	-	032628353107
35315	1 gal.	6	-	032628353152
35320	5 gal.	1	-	032628353206



flip-stick® soot destroyer

Removes fuel-consuming deposits of soot and carbon from chimneys, flues and heat exchangers. Keeps heating units operating efficiently and economically. Flip the stick into hot chamber or firebox. Has built-in "corrosion shield" to safeguard steel and stainless steel flue pipes. Reduces air pollution and fire hazards by eliminating soot and creosote build-up. For oil, coal, gas, coke and wood-burning heating systems, including fireplaces. Non-explosive; safe to use. Approved by State of CT Dept. of Consumer Protection, Hartford, CT (Permit No. 153). MSDS #37. ANSI MSDS #317.

Prod. No.	Size	Pack	Note	Bar Code
35427	85 g.	72 (3 - 2 dz.)	display	032628354272



blot-o™ plus

Fuel absorber for cleaning up spills and leaks of gasoline, fuel oil, water and many other liquids. Highly absorbent material absorbs eight times its volume of fuel oil. This product will not leave dust particles in the air. Sweet fragrance helps eliminate odors. MSDS #100.

Prod. No.	Size	Pack	Note	Bar Code
35155	19 oz.	12	shaker top can	032628351554
35152	15 lb.	1	reusable plastic pail	032628351523



AirSpray™

An industrial strength odor eliminator. It is uniquely formulated to eliminate odors by combining with airborne odor molecules especially those associated with fuel oils, other petroleum products and septic odors. After combining with the offending molecules, AirSpray leaves a pleasant fresh air fragrance. AirSpray's concentrated formulation requires only a light spray to be effective and can be applied anywhere odors are a problem. AirSpray is also effective on smoking, cooking and animal odors. Since AirSpray is a hand dispensed liquid, it contains no CFC's or other chlorinated ingredients. MSDS #123. ANSI MSDS #359.

Prod. No.	Size	Pack	Note	Bar Code
35151	16 oz.	12	Hand Spray Pump	032628351516



furnace cement – clean 'n friendly formulation

Use to seal and repair boilers, furnaces, fireboxes, flue pipes, stoves, ducts, kilns, chimneys, combustion chambers, and many other furnace and refractory applications. Unique patented clean 'n friendly formula meets OSHA's requirement of less than 0.1 % of crystalline silica content. Also contains no oils or asbestos. Applies exceptionally smoothly. Can be used on oil, gas, coal, and wood-burning heating systems. Adheres to most building materials. When cured, makes positive non-porous fireproof seal. Will not shrink, crack or crumble. Available in regular body (non-runny tan colored) cement, and heavy body (firmer consistency, dark gray color).

MSDS #105 and #106. ANSI MSDS #330 and #320.

Regular Body

Prod. No.	Size	Pack	Note	Bar Code
35509	10.1 oz	12	cartridge	032628355095
35503	1/2 pt.	24	-	032628355033
35504	1 pt.	12	-	032628355040
35515	1/2 gal	6	-	032628355156
35610	1 gal	4	-	032628356108

Heavy Body

Prod. No.	Size	Pack	Note	Bar Code
35521	1/2 gal	6	-	032628355217
35526	1 gal	4	-	032628355262



electrical contact cleaner

Combination of solvents and propellants remove oil, dirt and moisture from the surfaces and contact points of small electrical equipment controls, ignition systems, motors, relays and thermostats. Solvent flushes off oil, grease and metallic oxides caused by corrosion or arcing, while leaving a clean, dry, residue-free surface. No rinse required. Contains no CFCs or other chlorinated ingredients. MSDS #103.

Prod. No.	Size	Pack	Note	Bar Code
35180	11 oz.	12	aerosol can	032628351806



Non-Toxic Anti-Freeze

For heating systems requiring freeze protection as well as corrosion prevention. Hercules cryo-tek™ anti-freeze not only provides this protection, but with its exclusive triple protection inhibitor system, also protects against mineral deposits and mineral sedimentation. A blend of virgin propylene glycol and the triple protection inhibitor package, cryo-tek is designed for use in hydronic heating and cooling closed-loop systems, most solar heating systems, snow melts, radiant heat and general plumbing systems. Use in systems fabricated with metal, plastics (except CPVC) and rubber piping, fittings, seals, and other parts. Corrosion inhibitors are effective with most metals including steel, and copper. For those boilers with aluminum heat exchangers use cryo-tek -100/ Al. For Solar systems use cryo-tek Solar System Antifreeze. Non-flammable, odorless, non-toxic, non-irritating, and compatible with Hercules boiler stop-leak and heating system cleaners. (Please note: Minimum flow protection levels are estimated and are dependent on system and equipment. Attempting to circulate fluid below freeze point may overload and/or cause pump failure. Check with system manufacturer for compatibility.)

cryo-tek™ original

Formulated with virgin propylene glycol with Hercules triple protection inhibitor package, pre-mixed with water, in a ready-to-use formulation. Undiluted, it provides freeze protection down to -20°F, a minimum fluid flow to -42°F, and burst protection to -80°F. Check dilution tables in Hercules spec sheet to obtain desired protections. Not for use in boilers with aluminum heat exchangers - see cryo-tek -100/Al.

Color: Blue MSDS #41. ANSI MSDS #301.

Prod. No.	Size	Pack	Note	Bar Code
35253	1 gal.	6	-	032628352537
35260	5 gal.	1	-	032628352605
35267	55 gal.	1	-	032628352674



cryo-tek™ AG

Concentrated "arctic grade" anti-freeze solution of virgin propylene glycol with triple protection inhibitor package can be mixed with water to desired protection level. Check dilution tables in Hercules spec sheet to obtain desired protections. Not for use in boilers with aluminum heat exchangers - see cryo-tek -100/Al.

Color: Blue MSDS #42. ANSI MSDS #301.

Prod. No.	Size	Pack	Note	Bar Code
35282	1 gal.	6	-	032628352827
35285	5 gal.	1	-	032628352858
35288	30 gal.	1	-	032628352889
35289	55 gal.	1	-	032628352896



cryo-tek™ -100

Virgin propylene glycol with triple protection inhibitor package, premixed with water, in a ready-to-use formulation. Undiluted, provides freeze protection to -60°F, minimum flow to -70°F, and burst protection to -100°F. Dilute for less severe conditions; check dilution tables in Hercules spec sheet to obtain desired protections. Not for use in boilers with aluminum heat exchangers - see cryo-tek -100/Al.

Color: Red. MSDS #40. ANSI MSDS #301.

Prod. No.	Size	Pack	Note	Bar Code
35281	1 gal.	6	-	032628352810
35284	5 gal.	1	-	032628352841
35286	30 gal.	1	-	032628352865
35287	55 gal.	1	-	032628352872



cryo-tek™ -100/Al for aluminum

Specifically formulated for use in boilers with aluminum heat exchangers. Formulated with virgin propylene glycol with triple protection inhibitor package premixed with water in a ready-to-use formulation. Undiluted, provides freeze protection to -60°F, minimum flow to -70°F, and burst protection to -100°F. Dilute for less severe conditions. Check dilution tables in Hercules spec sheet to obtain desired protections. Meets ASTM D-1384, D-4340 and D-6208. Color: Orange. MSDS #40. ANSI MSDS #313.

Prod. No.	Size	Pack	Note	Bar Code
35283	5 gal.	1	-	032628352834
35291	55 gal.	1	-	032628352919



cryo-tek™ solar system

Virgin (not recycled) propylene glycol with triple protection inhibitor package, formulated for use in closed loop antifreeze heat exchanger systems. Can also be used in radiant tube heating systems, and geothermal loops. Hercules' exclusive triple protection formula stabilizes pH to prevent acid corrosion, chelates hard water minerals and inhibits the formation of scale and sediment.

Color: Green. MSDS #129. ANSI MSDS #382.

Prod. No.	Size	Pack	Note	Bar Code
35280	5 gal.	1	-	032628352803



cryo-tek™ test strips

Contains 10 single use color-coded test strips. Each one simultaneously checks level of propylene glycol and level of corrosion protection. Freeze protection levels and corrosion protection levels should be checked annually. Add additional cryo-tek™ product if freeze protection is inadequate. Add appropriate cryo-tek inhibitor if pH is below 8.5.

Prod. No.	Size	Pack	Note	Bar Code
35271	-	-	6 - 10 pks	032628352711



cryo-tek™ triple protection inhibitor

Liquid corrosion protection additive. Use to adjust pH of hydronic systems charged with cryo-tek™ anti-freeze. One bottle will raise pH about one level per 20-gallon content. Only for systems with no aluminum parts. MSDS #75. ANSI MSDS #314.

Prod. No.	Size	Pack	Note	Bar Code
35276	8 oz.	24	Only for boilers	032628352766
35278	1 qt.	12	with NO aluminum parts	032628352780



cryo-tek™ triple protection inhibitor for aluminum boilers

Liquid corrosion protection additive for systems with aluminum parts. Use to adjust pH of hydronic systems charged with cryo-tek anti-freeze. One bottle will raise pH about one level per 20-gallon content. Also can be used with solar systems, radiant tube heating systems, and geothermal loops. MSDS #124. ANSI MSDS #353.

Prod. No.	Size	Pack	Note	Bar Code
35274	8 oz.	24	For boilers with	032628352742
35277	1 qt.	12	aluminum parts	032628352773



refractometer and pH Meter

Using anti-freeze within the recommended levels of concentration ensures efficiency of heat transfer. Traditional test strips can be difficult to read and are not always accurate. A hand-held refractometer is the fastest and easiest method for ensuring accurate ethylene and propylene glycol as well as battery acid concentrations. A portable electronic pH tester is ideal for checking acidity or alkalinity of heating or potable water systems as well as many other water-based solutions on the work site.

Prod. No.	Size	Pack	Note	Bar Code
35290	-	1	Refractometer	032628352902
35272	-	1	pH meter	032628352728

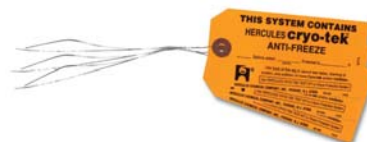


cryo-tek™ protection tags

Attach protection tags to newly charged systems. Then check system on a yearly basis to determine if protection needs updating. Tags are free of charge to cryo-tek™ customers.

To special order these items, please contact Hercules Customer Service Dept at 800-221-9330 (FAX 800-333-3456) or Email: Info@herchem.com

Prod. No.	Size	Pack	Note	Bar Code
35279	-	up to 25	-	-



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Thread Sealant Application Chart

	Megaloc	Pipe Joint Compound	Pro Dope	Real-Tuff	Tape Dope	TFE Pipe Joint Tape	Block	Grrrip	Grrrip Lite	Tuff Seal
Acids – Concentrated			✓	✓	✓					✓
Acids – Dilute	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Air Compressed (Gaseous)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alcohols			✓	✓	✓					✓
Aliphatic Solvents	✓		✓	✓	✓					✓
Ammonia Anhydrous	✓	✓	✓	✓	✓	✓				✓
Ammonia Gaseous	✓	✓	✓	✓	✓	✓				✓
Ammonia Liquefied	✓		✓	✓	✓	✓				✓
Aromatic Solvents	✓		✓	✓	✓					✓
Benzene			✓	✓	✓					✓
Brine	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Butane Gas	✓		✓	✓	✓	✓	✓	✓	✓	✓
Carbon Dioxide	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Carbon Tetrachloride			✓	✓	✓					✓
Castor Oils	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Caustic Alkalis (Concentrated)			✓	✓	✓					✓
Caustic Alkalis (dilute)	✓	✓	✓	✓	✓	✓				✓
Chlorine Gas				✓	✓					✓
Coal Gas	✓		✓	✓	✓					✓
Coal Tar Naphtha	✓		✓	✓	✓					✓
Cutting Oils	✓		✓	✓	✓	✓	✓	✓	✓	✓
Diesel Fuel Oils	✓		✓	✓	✓	✓	✓	✓	✓	✓
Distilled Water				✓	✓					✓
Dry Cleaning Fluids			✓	✓	✓					✓
Ethylene Glycol	✓		✓	✓	✓	✓	✓	✓	✓	✓
Fatty Acid (liquid)	✓		✓	✓	✓	✓	✓	✓	✓	✓
Food Processing Sys. (FDA App.)				✓	✓	✓				✓
Freons (all)	✓		✓	✓	✓	✓	✓	✓	✓	✓
Gasohol			✓	✓	✓					✓
Gasoline	✓		✓	✓	✓	✓	✓	✓	✓	✓
Glycerin	✓		✓	✓	✓	✓	✓	✓	✓	✓
Heating Oils	✓		✓	✓	✓	✓	✓	✓	✓	✓
Helium Gaseous	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hydraulic Oils	✓		✓	✓	✓	✓	✓	✓	✓	✓
Hydrogen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Inert Gases	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jet Fuel	✓		✓	✓	✓	✓	✓	✓	✓	✓
Kerosene	✓		✓	✓	✓	✓	✓	✓	✓	✓
Ketones			✓	✓	✓					✓
Liquefied Pet. Gases	✓		✓	✓	✓	✓	✓	✓	✓	✓
Lubricating Oils	✓		✓	✓	✓	✓	✓	✓	✓	✓
Manufactures Gases			✓	✓	✓					✓
Mineral Oils	✓		✓	✓	✓	✓	✓	✓	✓	✓
Natural Gas	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nitrogen Gaseous	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oxygen Gaseous				✓						✓
Petroleum Solvents			✓	✓	✓					✓
Propane	✓		✓	✓	✓	✓	✓	✓	✓	✓
Propylene Glycol	✓		✓	✓	✓	✓	✓	✓	✓	✓
Soap Liquid	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Steam Lines	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sugar Liquid	✓		✓	✓	✓					✓
Toluene			✓	✓	✓					✓
Tri-Chloro-Ethylene			✓	✓	✓					✓
Vegetable Oils	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water (Cold & Hot)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Water Gas	✓		✓	✓	✓	✓	✓	✓	✓	✓
Xylene			✓	✓	✓					✓

Thread Sealant Application Chart

(continued)

Pipe, Valve, Fitting:	Megaloc	Pipe Joint Compound	Pro Dope	Real-Tuff	Tape Dope	TFE Pipe Joint Tape	Block	Grip	Grip Lite	Tuff Seal
ABS	✓			✓	✓	✓				✓
Aluminum		✓	✓	✓	✓	✓	✓	✓	✓	✓
Black Iron	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Brass		✓		✓	✓	✓	✓	✓	✓	✓
C.P.V.C.*	✓		✓	✓	✓	✓	✓	✓	✓	✓
Copper		✓		✓	✓	✓	✓	✓	✓	✓
Glass		✓		✓	✓	✓	✓	✓	✓	✓
Monel	✓		✓	✓	✓	✓	✓	✓	✓	✓
Natural Rubber				✓	✓	✓	✓	✓	✓	✓
P.V.C.	✓			✓	✓	✓	✓	✓	✓	✓
Plastics (P.E. Reinforced)	✓			✓	✓	✓	✓	✓	✓	✓
Stainless Steel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Synthetic Rubber (Butyl, Neoprene)			✓	✓	✓	✓	✓	✓	✓	✓

*verify suitability with pipe manufacturer