



Loctite® Products at Work in Waste Water Treatment Plants



Loctite® Products



Loctite® Fixmaster® Deep Pour Grout
Aggregate-filled epoxy system for pours up to 6" deep, including self-leveling applications under rails and sole plates. High strength material bonds to steel, concrete, and itself. Withstands high torque loads.



Loctite® Gasket Makers
Loctite® brand gasketing products offer innovative, precise and reliable sealing. The Loctite® brand offers a choice of anaerobics, RTV silicones, or solvent-based products to meet a wide range of gasketing and sealing needs.



Loctite® Nordbak® Chemical Resistant Coating
Smooth, glossy, low friction finish protects against turbulence, abrasion, and cavitation. This advanced epoxy protects equipment from extreme chemical attack and corrosion. Low viscosity epoxy can be applied with a brush.



Krytox® RFE PFPE Lubricant
This chlorine compatible grease lubricant has excellent lubrication properties over a broad temperature range, will not cause cracking or swelling, and contains a corrosion inhibitor protecting against undue wear. Eliminates sticking and aids in disassembly. Non-flammable and chemically inert.

Sludge Pumps and Blower Rooms

- Prevent loosening and costly mis-alignment by grouting large pumps and blowers to floor using Loctite® grouts.
- Lubricate peristaltic pumps with Loctite® ViperLube® lubricants.
- Utilize Loctite® QuickStix™ gasket materials to prevent leaks on pump equipment.



Centrifuge and Chlorine Areas

- Prevent chlorine leaks from damaging concrete by sealing pipes with Krytox® RFE PFPE Lubricant.
- Repair damaged concrete with Loctite® Magna-Crete and coat with Loctite® Chemical Resistant Coating.
- Grout heavy vibration prone centrifuges to floor using Loctite® grouts.



Other Loctite® Products

Loctite® Anti-Seize Products
Loctite® brand anti-seize compounds are a group of premium quality products developed to protect metal parts from rust, corrosion, galling, and seizing. They ease assembly and disassembly of slip-fit, press-fit, and threaded joints and reduce friction and wear on critical operating equipment. Formulated for severe industrial environments, these products protect against high temperatures, heavy loads, chemicals, pounding and vibration.



Loctite® Pipe Repair Kit
Urethane impregnated fiberglass tape, activated by water, for reliable, temporary repairs of metal, plastic, and composite pipes. Includes Loctite® Fixmaster® Metal Magic Steel™ epoxy stick and gloves. Cures in 30 minutes.



Loctite® Fixmaster® Epoxies
Loctite® brand Fixmaster® Metal Filled and General Purpose Epoxies repair, rebuild, and restore damaged parts to quickly return equipment to service. Cured epoxies can be drilled, tapped, and machined – just like the original metal. These non-shrinking products are available in a range of performance characteristics for specific applications. Each epoxy bonds to metal, ceramic, wood, glass, and some plastics.



Floor Repair & Grout	Part #	Size
Loctite® Fixmaster® Magna-Crete	95551	1 gal kit
Loctite® Fixmaster® Deep Pour Grout	95555	5 gal kit
Loctite® Fixmaster® Deep Pour Grout	99545	5 gal kit

Retaining Compounds	Part #	Size
Loctite® 603™ Retaining Compound - Oil Tolerant*	21440	10 ml
	21441	50 ml
Loctite® 609™ Retaining Compound - General Purpose*	60921	10 ml
	60931	50 ml
Loctite® 620™ Retaining Compound - High Temperature*	62015	10 ml
	62040	50 ml
Loctite® 660™ Quick Metal® Retaining Compound - Press Fit Repair	66010	6 ml
	66040	50 ml
Loctite® QuickStix™ 668™ Retaining Compound - High Temperature	39147	9 gm stick
	39148	19 gm stick
	39149	38 gm stick
Loctite® 680™ Retaining Compound - High Strength*	68015	10 ml
	68035	50 ml

Anti-Slip Coatings	Part #	Size
Loctite® Big Foot™ Heavy Duty Pedestrian Grade, Grey	96261	1 gal. can
	96265	5 gal. pail
Loctite® Big Foot™ Acrylic Pedestrian Grade, Grey	95591	1 gal. can
Loctite® Big Foot™ Vehicular Grade, Grey	96251	1 gal. kit
	96255	5 gal. kit
Loctite® Big Foot™ Zero V.O.C., Grey	39915	1 gal. kit

Wearing - Brushable Coatings	Part #	Size
Loctite® Nordbak® Chemical Resistant Coating	96092	12 lb. kit
Loctite® Nordbak® Brushable Ceramic - Grey	98733	2 lb. kit
	98732	6 lb. kit
Loctite® Nordbak® Brushable Ceramic - White	96443	2 lb. kit

Repair Epoxies	Part #	Size
Loctite® Fixmaster® Fast Cure Epoxy Mixer Cups	21425	10 - 12 fl. oz. cups
Loctite® Fixmaster® Underwater Repair Epoxy	82093	4 oz. stick
Loctite® Fixmaster® Metal Magic Steel™	98853	4 oz. stick
Loctite® Fixmaster® Superior Metal	97473	1 lb. kit

Gasketing	Part #	Size
Loctite® 518™ Gasket Eliminator® Flange Sealant	51831	50 ml
Loctite® QuickStix™ 548™ Gasket Eliminator® Flange Sealant	39152	18 gm stick

Anti-Seize	Part #	Size
Loctite® C5-A* Copper Based Anti-Seize*	39647	8 oz. brush top can
	39643	1 lb. brush top can
Loctite® QuickStix™ C5-A* Copper Based Anti-Seize	37229	20 gm stick
	39222	40 gm stick
Loctite® Silver Grade Anti-Seize*	76732	8 oz. brush top can
	76764	1 lb. brush top can
Loctite® QuickStix™ Silver Grade Anti-Seize	37230	20 gm stick
	39223	40 gm stick
Loctite® Nickel Anti-Seize*	77124	8 oz. brush top can
	51102	1 lb. brush top can
Loctite® Marine Grade Anti-Seize	34395	8 oz. brush top can
	34026	1 lb. brush top can

Threadlockers	Part #	Size
Loctite® 220™ Threadlocker - Low Strength, Wicking - Blue*	39186	50 ml
Loctite® 242™ Threadlocker, Medium Strength Removable - Blue*	24231	50 ml
Loctite® QuickStix™ 248™ Threadlocker, Med. Strength Removable - Blue*	37087	19 gm stick
Loctite® 262™ Threadlocker, High Strength - Red*	26231	50 ml
Loctite® QuickStix™ 268™ Threadlocker, High Strength - Red*	37686	19 gm stick
Loctite® 290™ Threadlocker, Wicking -Green*	29031	50 ml

Belt Repair & Urethanes	Part #	Size
Loctite® Urethane Sealant - Grey	39916	10.2 oz. cartridge
Loctite® Fixmaster® Rapid Rubber Repair (requires PN 39635 dispenser)	96677	400 ml kit
Loctite® Fixmaster® Rapid Rubber Repair Dispenser	39635	-
Loctite® Fixmaster® Flex 80™ Putty	97423	1 lb. kit
	97422	6 lb. kit

Lubricants	Part #	Size
Krytox® RFE PFPE lubricant, Chlorine Tolerant*	29710	2 oz. tube
	31361	16 oz. cartridge
	36782	14 oz. cartridge
Loctite® ViperLube® High Performance Synthetic Grease*	36786	10.1 oz. aerosol
	37061	30 lb. pail
Loctite® ViperLube® Clear High Performance Synthetic Grease*	39342	400 gm cartridge
	39364	30 lb. pail

Emergency Pipe Repair	Part #	Size
Loctite® Pipe Repair Kit	96321	2" x 6" tape
	96322	4" x 12" tape

* These products are available in additional package sizes, for a complete listing see our full line catalog *The Adhesive Sourcebook* (LT-3355).

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Loctite® Products at Work in Waste Water Treatment Plants

Henkel offers a wide variety of high quality Loctite® branded products and training for maintaining equipment throughout a waste water treatment plant. From the repair and upkeep of the physical plant, to the pumps, concrete, and transport systems, we offer the preventive maintenance training to increase overall reliability.

This brochure describes some of the most common Loctite® repair materials that can extend the life of your equipment and prevent common leaks, corrosion, and loosening. Pro-active use of Loctite® products can reduce maintenance call backs and down time, and could lengthen equipment service life at your plant for all the equipment listed below...

- Influent Structures
- Bar Screens
- Grit Chambers
- Clarifiers
- Aeration
- Centrifuges
- Conveyors
- Anti Slip Areas

To learn more about Loctite® training or to schedule an in-plant training session, call 1-800-LOCTITE (562-8483) to speak with your local Henkel sales representative.

For answers to your technical questions or to access an MSDS or technical data sheet on any Loctite® product, call 1-800-LOCTITE (562-8483) or visit our website at www.loctite.com.



Loctite® Products



Loctite® Fixmaster® Magna-Crete

A two-component, rapid setting concrete repair and grouting system. Chemically resistant to most common liquids and chemicals. Bonds to concrete, wood, glass, and steel, and other construction materials.

Loctite® Urethane Sealant

Single component, gun grade caulk that bonds, seals, and waterproofs up to 180°F. Outstanding adhesion properties to concrete, masonry, glass, plastics, wood, aluminum, and most metals.



Loctite® Fixmaster® Rapid Rubber Repair

Our premium quality belt repair product designed to repair conveyor belts and other damaged rubber equipment quickly and easily. Repairs have the same durability and flexibility as the belt.



Loctite® Retaining Compounds

Use Loctite® brand liquid, paste, or semi-solid retaining compounds to bond non-threaded, cylindrical metal assemblies. Fill the inner void in close-fitting press fits, keyways, and splines. Mount bearings and bushings, and make press fits even stronger.



Loctite® Big Foot™

Loctite® brand Big Foot™ epoxy flooring products provide tough, long-lasting anti-skid surfaces for added safety. Easily applied to potentially hazardous surfaces, Loctite® Big Foot™ coatings stand up to heavy traffic and harsh environments.

Influent Structures



- Loctite® Magna-Crete can repair concrete damaged by both high caustic influent and high usage such as breaks around manhole covers.
- Loctite® Urethane sealants and coatings can permanently repair damaged couplings or seal damaged structures.

Grit Chambers



- Prevent highly abrasive grit from wearing pump impellers and housings using Loctite® Brushable Ceramic.
- Lubricate grit chamber paddle motors with long lasting Loctite® ViperLube® synthetic greases. Repair damaged urethane paddles with Loctite® Brushable Ceramic or Loctite® Flex 80™ Putty.

Bar Screen Areas



- Repair tears in belts and maximize conveyor uptime by using Loctite® Rapid Rubber Repair and Loctite® retaining compounds.
- Eliminate hazardous slips and falls using Loctite® Big Foot™ anti-slip coatings on the greasy Bar Screen Room floor.

Clarifiers



- Prevent the numerous fasteners in the Clarifier Scraper Assembly from loosening by using Loctite® removable threadlockers
- Lubricate the Clarifier Motors with long lasting Loctite® ViperLube® synthetic lubricants.
- Repair and coat worn or damaged Scrapers with Loctite® Brushable Ceramic wear coating or Loctite® Flex 80™ Putty.

Loctite® Products



Loctite® Nordbak® Brushable Ceramic

Brushes on to form a smooth, corrosion-resistant coating. Protects against turbulence, abrasion, and cavitation. Can also be used as a top coat over Loctite® Nordbak® wearing compounds for surface rebuilding and lasting protection. Resists temperatures to 200°F.



Loctite® ViperLube® High Performance Synthetic Grease

NLGI grade 2/Severe Duty GC-LB Grease provide superior protection for a wide range of operating temperatures and environments. Use as a lubricant and protective anti-rust film on bearings, machine parts, equipment, or as a release agent on gaskets and seals. NSF H1 rated for incidental food contact.



Loctite® Fixmaster® Flex 80™ Putty

A trowelable, two-part urethane for rebuilding and repairing rubber parts and linings, providing impact, abrasion, and corrosion-resistant protection.



Loctite® Threadlockers

From the creator of liquid threadlocking, choose the strength, temperature range, and cure speed you need to prevent loosening from shock and vibration, and stop rust and corrosion of threaded metal fasteners. Removable to permanent strength threadlockers are available to fit a variety of thread sizes and conditions.