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IBS, INCORPORATED

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Adhesives & Epoxies

Depend 330 Adhesive No Mix Kit

IBS No. 20251 - 25 ml. syringe kit



Adhesive sets in just minutes to a tough acrylic adhesive with high peel and impact strength. Bonds almost all combinations of materials, including glass. No-mix kit includes activator and adhesive.

Loctite 401 Prism Instant Adhesive

IBS No. 40140 - 20g



Designed for the assembly of difficult-to-bond materials which require uniform stress distribution and strong tension and/or shear strength. This surface insensitive product provides rapid bonding of a wide range of materials, including metals, plastics and elastomers. Also suited for bonding porous materials such as wood paper, leather and fabric.

Fixmaster® Fast Cure Epoxy Cups

IBS No. 21426 - (10) 1oz. cups

IBS No. 21425 - (10) .12 oz. cups



Premeasured epoxy mixer cups. Bonds in 5-15 minutes. Excellent chemical resistance. Fills porosities and can be used to build up worn parts. Ideal for bonding glass, hard plastics, rubber, and metal.

Fixmaster® Fast Set Steel Epoxy

IBS No. 96604 - 50 ml. cartridge



Steel filled. Reaches functional cure in 10 minutes. Temperature resistant up to 200°F. Recommended for repairing pipes and other equipment that must be back in service in minutes. Cartridge requires manual dispensing gun.

Fixmaster® (Clear) 4 Minute Epoxy

IBS No. 97434 - 50 ml. cartridge



Translucent, gel-like adhesive. Sets up in 4-6 minutes. Temperature resistant up to 160°F. Ideal for emergency repairs or where reduced fixturing time is desirable. Cartridge requires manual dispenser gun.

Fixmaster® (Clear) Poxypak

IBS No. 81120 - 1 oz syringe



This faster cure, general purpose epoxy bonds virtually any material. It will also fill or seal cracks and rebuild worn surfaces. Comes in a 1 oz. syringe with a built-in plunger for easy dispensing without equipment. Sets in 5 minutes.

Quicktite

IBS No. 39202 - 0.14 oz. bottle



A general purpose instant adhesive featuring an innovative precision flow control applicator. This new, patented, "squeeze grip" applicator allows for pinpoint control of the exact amount and placement of the adhesive. It is also designed to be clog-free, so the adhesive is always ready to use.



IBS, INCORPORATED

Loctite Products S08

Adhesives & Epoxies



“Shur-Shot” Dispensing Gun

IBS No. EQ016

Also works with LOCTITE 2-Part CLEAR (97434) and FAST SET STEEL (96604)

Static Mixers

IBS No. EQ115

Also works with LOCTITE 2-Part CLEAR (97434) and FAST SET STEEL (96604)



Replacement Parts:
Plunger for Shur-Shot Dispensing Gun

IBS No. 128405

Assortments (Z02)

Loctite Glues & Epoxies Assortment

IBS No. 674R • 8 Items • 22 Pieces

Packaged in a Locking Steel Drawer for Easy Storage & Organization

 IBS, Inc. SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR INDUSTRIALBOLT.COM © © © 800-678-1906		Loctite Glues & Epoxies Assortment No. 674R	
39202 LOCTITE QUICKTITE INSTANT 	74510 MULTI-PURPOSE ADHESIVE 3.7 OZ E6000 	97434 FIXMASTER 2 PART 4 MINUTE 	EQ115 STATIC MIXER 
20251 LOCTITE 330 DEPEND ADHESIVE 	21425 LOCTITE .12 OZ FAST CURE 	96604 LOCTITE FIXMASTER FAST SET 	EQ016 DISPENSING GUN 

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Anti-Seize & Lubricants



C5A Copper Based Anti-Seize

IBS No. 51007 - 1 lb. brush top can

Exclusive formula suspends copper and graphite in a high quality grease. Protects metal parts from rust corrosion, galling and seizing at temperatures to 1800°F (982°C). Tested to MIL-PRF-907-E. CFIA Approved.

C5A Copper Based Anti-Seize "Quick Stix"

IBS No. 37229 - 19 grams

The same trusted performance characteristics as the Loctite C5-A Copper Based Anti-Seize paste in a convenient semi-solid stick form. Stick package offers more portability and less mess. Qualified to performance requirements of MIL-PRF-907E and CFIA approved.



White Food Grade Anti-Seize

Metal Free

IBS No. 51168 - 8 oz. brush top can

Prevents seizure, galling and friction in stainless steel and other metal parts up to 750°F (400°C). NSF H1 approved for incidental food contact.



Dielectric Grease

IBS No. 37535 - 3 oz. tube

Provides a moisture-proof barrier that lubricates and protects electrical equipment from salt, dirt and corrosion. High dielectric strength. Good thermal, oxidation, and chemical stability.

*Additional sizes available
as non-stock items*



Marine Grade Anti-Seize

IBS No. 34026 - 16 oz. brush top can

Formulated to protect assemblies exposed directly or indirectly to fresh and salt water, this anti-seize works especially well in high humidity conditions. It has excellent lubricity, superior water resistance, and prevents galvanic corrosion. ABS Approved.

FOR INDUSTRIAL / PROFESSIONAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

ALWAYS READ LABEL FOR COMPLETE DIRECTIONS AND PRECAUTIONS



IBS, INCORPORATED

Loctite Products S08

Gasketing & Sealing

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Loctite 515™ Purple Gasket Eliminator

IBS No. 51531 - 50 ml tube

Recommended for use on rigid iron, steel and aluminum flanges (aluminum gearbox and engine castings, etc.) Easy disassembly and cleaning. Gasketing product for machined metal flanges. Medium strength. 30 minute fixture time.

- Ideal for machined metal components.
- Forms a perfect seal between components.
- For gaps up to 0.25 mm.



Loctite 518™ Red Gasket Eliminator

IBS No. 51831 - 50 ml tube

Medium-strength, general purpose gasketing product - excellent contamination tolerance. Ideal for use on cast iron, steel and aluminum flanges. Cures when confined in the absence of air between close-fitting metal surfaces. Designed for use on rigid iron, aluminum, and steel flanged mating surfaces. Fills gaps up to 0.25mm and forms a flexible, chemical-resistant seal that will not tear or decay. Parts disassemble easily, even after extended service. Typical applications include sealing close-fitting joints between rigid metal faces and flanges. It is also used as a formed-in-place gasket on rigid flanged connections, e.g. transmissions and motor housings.

Benefits vs. Cut Gaskets:

- Reduces inventory costs — no need for large inventory of cut gaskets.
- Resists high pressure when fully cured.
- No compression set or misaligned gaskets.

Superflex™ RTV Silicone Adhesive Sealants

CLEAR	IBS No. 59530 - 80 ml tube	59575 - 300 ml cartridge
BLACK	IBS No. 59330 - 80 ml tube	59375 - 300 ml cartridge
BLUE	IBS No. 30560 - 80 ml tube	30533 - 300 ml cartridge
WHITE	IBS No. 59430 - 80 ml tube	59475 - 300 ml cartridge



- This silicone product has excellent adhesion to most substrates.
- Key features are resistances to extreme thermal and UV cycling without hardening, shrinking or cracking.
- -65°F to 500°F
- Tack Free — 30 Min. / Full Strength: 24 hrs.

FOR INDUSTRIAL / PROFESSIONAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

ALWAYS READ LABEL FOR COMPLETE DIRECTIONS AND PRECAUTIONS



Gasketing & Sealing

Loctite® 5699™ Grey High Performance RTV Silicone Gasket Maker

IBS No. 18718 - 70 ml tube IBS No. 40505 - 190 ml cartridge
 IBS No. 18581 - 300 ml cartridge



- Increased oil resistance for rigid flange assemblies.
- Excellent fluid resistance.
- Easy to dispense.
- Noncorrosive, low odor, low volatility.
- -75°F to 625°F (-59°C to 329°C)
- Tack-Free — 30 Min./ Full Strength — 24 Hrs.
- CFIA Listed.

Loctite® Superflex® Red High Temp RTV Silicone Adhesive Sealant

IBS No. 59630 - 80 ml tube 59675 - 300 ml cartridge



- Makes gaskets that resist temperatures to 600°F (316°C) intermittent.
- Resists aging, weather and thermal cycling without shrinking, cracking or hardening.
- Fills gaps to 0.25 inches.
- -75°F to 600°F
- Tack-Free — 30 Min. / Full Strength — 24 hrs.
- CFIA Listed.

Loctite RTV Tube Assortment

IBS No. 776R • 6 Items • 6 Pieces

Packaged in a Locking Steel Drawer for Easy Storage & Organization

IBS, Inc. SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR INDUSTRIALBOLT.COM		Loctite RTV Tube Assortment			
Assortment 776R					
59530 LOCTITE SUPERFLEX 80ML TUBE RTV CLEAR	59430 LOCTITE SUPERFLEX 80ML TUBE RTV WHITE	59330 LOCTITE SUPERFLEX 80ML TUBE RTV BLACK	30560 LOCTITE SUPERFLEX 80ML TUBE RTV BLUE	59630 LOCTITE HI TEMP 80ML TUBE RTV RED	18718 LOCTITE GASKET MAKER 70ML TUBE RTV GRAY



ADHESIVES



IBS, INCORPORATED

Loctite Products S08

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Retaining



*Additional sizes available
as non-stock items*

Loctite 609™ Retaining Compound

Press Fit / General Purpose

IBS No. 60931 — 50 ml

IBS No. 60921 — 10 ml

A low viscosity, fast curing adhesive used for bonding rigid metal assemblies. Ideal for gap distances up to 0.005" (0.13mm). Loctite 609™ fixtures in just 10 minutes and provides shear strength of 3,000 psi after 24 hours. It easily joins dissimilar metals and withstands temperatures up to 300°F (149°C).



*Additional sizes available
as non-stock items*

Loctite 620™ Retaining Compound

Slip Fit / High Temperature

IBS No. 62040 — 50 ml

IBS No. 62015 — 10 ml

A high temperature adhesive that has the capability to operate at 450°F (232°C) for long periods. Fixtures in 30 minutes at room temperature, but requires a secondary heat cure to generate the high temperature resistance. Used to bond cylindrical parts with gaps up to 0.015" (0.35mm). Loctite 620™ provides a shear strength of 3,800 psi on steel after 24 hours. Ideal for use on retaining bushes, bearings, seals, fans and liners.



*Additional sizes available
as non-stock items*

Loctite 660™ Quick Metal Retaining Compound

Press Fit Repair

IBS No. 66010 — 6 ml tube

A creamy, non-running gel that is applied onto cylindrical parts to fill surface imperfections and repair worn areas. It contains no metal, but once assembled hardens to a strength that often doubles that of a press fit. Use to salvage worn metallic parts, or to keep machinery running until new parts arrive. Use to 300°F (149°C)



Loctite 668™ Retaining Compound High Temperature "Quick Stix"

General Purpose

IBS No. 39148 — 19 gm stick

A high temperature retaining compound in a revolutionary semi-solid formula. Patented, no-mess package offers added convenience and portability. Ideal for gaps up to 0.005" on the diameter. Withstands temperatures to 400°F (204°C).

FOR INDUSTRIAL / PROFESSIONAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

ALWAYS READ LABEL FOR COMPLETE DIRECTIONS AND PRECAUTIONS

Thread Locking



242™ Threadlocker

Medium Strength / Removable / Blue

IBS No. 24231 — 50 ml

IBS No. 24221 — 10 ml

A removable strength, general-purpose thread locking adhesive specially well-suited for fasteners between 1/4" and 3/4" diameter (60 to 20mm). Applied to threaded components before assembly, Blue 242 has controlled lubricity for accurate clamp loads. Parts can be separated using hand tools.

Additional sizes available as non-stock items



243™ Threadlocker

Medium Strength / Oil Resistant

Removable / Blue

IBS No. 24078 — 50 ml

IBS No. 24310 — 10 ml

A general purpose, medium strength threadlocker with improved oil tolerance. Suitable for 1/4" to 3/4" diameter (6mm to 20mm) fasteners.

Cure speed: Fixture - 5 minutes, Full — 24 hrs.

Temperature Range: -65°F to 300°F (-54°C to 150°C)

Additional sizes available as non-stock items



248™ Threadlocker "Quick Stix"

Medium Strength / Removable / Blue

IBS No. 37087 — 19 grams

New, patented semi-solid stick formula offers added convenience and portability. Like Loctite® 242®, this threadlocker stick is well suited for 1/4" to 3/4" (6 to 20mm) fasteners and is removable with hand tools. The semi-solid formula also means it won't spill or leak.



IBS, INCORPORATED

Threadlockers S08

Threadlocker Gel (S04)

IBS No. 74242 — Blue 35 ml bottle Qty 6/cs
IBS No. 74262 — Red 35 ml bottle Qty 6/cs



Threadlocker Gel is a better, faster and cleaner way to apply threadlocker to bolts, studs, or anywhere it is needed. The gel goes on without globs or messy drips and waste. Like other threadlockers, **Threadlocker Gel** is a single component, anaerobic gel that cures when confined in the absence of air between close fitting metal surfaces. This product cures rapidly on plated, oily metal surfaces or inactive surfaces. Locks and seals while preventing parts loosening due to vibration. Protects threads from corrosion with good solvent resistance against water and non-polar solvents. Removable with hand tools for easy disassembly.

- Gel Formula provides "liquid-reliability" without drips, globs, mess or waste Gel formula is **thicker than standard threadlockers** and is easier to use on vertical or hard-to-reach applications.
- **Pump dispenser** makes this product easy to dispense with no mess and exceptional control for reduced waste, saving time and money.
- Replaces lock washers and plastic inserts. Locks machine tool access bolts, studs and hydraulic system bolts. Used on gear box bolts / drive shaft, bearing cover capscrews, counter sunk screws, conveyor rolls and construction equipment.
- **Eliminates vibration loosening** for maximum safety keeping equipment and those around it safe from failure.
- **Seals against leakage**, protects against rust and corrosion.
- **Cures without cracking or shrinking** for a stronger hold and more protective seal.
- Color Blue (Medium Strength) and Red (High Strength).
- Gap Fill: 0.0015"
- Max Operating Temp: -65°F to +300°F.
- Full Cure Time: 24 hours @ 68°F

BLUE Cured Performance

Typical Breakaway Strength: 3/8 Phos-oil 100 - 130 lb-ins.
 Typical Prevailing Strength: 3/8 Phos-oil 40 - 60 lb-ins.

RED Cured Performance

Typical Breakaway Strength: 3/8 Phos-oil 150 - 300 lb-ins.
 Typical Prevailing Strength: 3/8 Phos-oil 100 - 350 lb-ins.

ADHESIVES

NO MESS Threadlocker Travel Tray (Z02)

IBS No. 817R • 4 Items • 4 Pieces

Packaged in a clear plastic locking storage container



IBS, INCORPORATED

Threadlockers S08



Pipe Thread Sealant Gel with PTFE (S04)

IBS No. 74159 — 35 ml IBS No. 24221 — 10 ml



A better, faster and cleaner way to apply pipe thread sealant to pipe or anywhere it is needed

- An anaerobic pipe sealant that sets fast to give an instant low-pressure seal of 100 psi and a high-pressure seal of 1000 psi and a high-pressure seal when fully cured - up to 10,000 psi.
- This high strength formula contains no solvents, providing a sealing capability of 100% and does not shrink after curing, unlike more traditional solvent-based pipe dopes.
- Contains PTFE which lubricates parts during assembly which allows for faster and easier assembly.
- The curing time allows for realignment of parts up to 24 hours from application.
- Can be used on most hydraulic, pneumatic, oil, water and gas connections.
- **NOT FOR PLASTICS.**

Thread Locker, Anti-Seize & Dielectric Grease Assortment

IBS No. 833R • 6 Items • 12 Pcs

Packaged in a Locking Steel Drawer for Easy Storage & Organization



ADHESIVES

Thread Locker, Anti-Seize & Dielectric Grease Travel Tray

IBS No. 832R • 6 Items • 6 Pcs

Packaged in a Plastic Travel Tray for Easy Storage & Organization





IBS, INCORPORATED

Threadlockers S08

Thread Locking

262™ Threadlocker

High Strength / Red

IBS No. 26231 — 50 ml bottle IBS No. 26221 — 10 ml

Red 262™ is a high-strength product that is designed for the permanent locking and sealing of threaded fasteners up to 3/4" (20 mm in size before assembly). Localized heating and hand tools are required to separate parts. Solvents will not weaken adhesive bond. Approved for use in or around food processing areas.



263™ Red High Strength Oil-Resistant Threadlocker

High Strength Oil-Resistant / Red

IBS No. 26331 — 50 ml bottle IBS No. 26321 — 10 ml

Red 263™ is a high strength product designed for the permanent locking and sealing of threaded fasteners with the added advantage of performing despite the presence of surface contaminants. It not only works on active metals (brass, copper) but also on passive substrates such as stainless steel and plated surface. The product offers high performance and oil tolerance. It tolerates minor surface contaminations from various oils, such as cutting, lubrication anti-corrosion and protection fluids.

Suggested applications: Studs into motor housings, nuts onto studs in pump housings and other fasteners where high strength is required.

- Ideal application: 1/4 - 3/4 bolts with light oil contamination
- Temperature Range: -65°F to 360°F
- Cure Speed: - 5 Min., Full - 24 hrs.



268™ Threadlocker

High Strength / Red

IBS No. 37686 — 19 grams

Revolutionary semi-solid stick formula is high strength and best suited for fasteners up to 1" (20mm). Semi-solid formula offers added convenience and portability. Localized heat and hand tools are required to separate parts. Ideal for heavy duty applications.



272™ Threadlocker

High Strength / Red / High Temperature

IBS No. 27240 — 50 ml bottle

Withstands temperatures to 450°F. Provides a fast cure on most surfaces, including "as received" fasteners. Recommended for bolts up to 1-1/2" (36mm) in diameter. Heat and hand tools are required for disassembly.

Additional sizes available as non-stock items



290™ Threadlocker

Wicking / Green / High Strength

IBS No. 29031— 50 ml IBS No. 29021 — 10 ml

A low viscosity, thread locking liquid, that wicks along the threads of pre-assembled fasteners to secure them in place. Seals porosities in welds and metal parts. Ideal for fasteners ranging from #2 to 1/2" (2.2 to 12mm) in size. Localized heat and hand tools are needed for disassembly. Approved for use in or around food processing areas.



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Thread Locking

2760™ Threadlocker

Primerless / High Strength / Red

IBS No. 32525 — 50 ml IBS No. 32526 — 10 ml



This threadlocker is particularly fast-curing, thereby reducing or eliminating the need for primers. For use on all metal fasteners where regular removal maintenance is not required. Recommended for permanently locking studs on engine blocks and pump housings.

7649™ Primer N™

IBS No. 21348 — 4.5 oz. net wt. aerosol can



Decreases the set-up time of Loctite® brand threadlockers and increases breakaway torque on most fastener surfaces. Allows cold weather application. Contains no ozone-depleting compounds.

NSF spec. 5% Copper

USE LOCTITE 7649 PRIMER N to:

1. Activate inactive surfaces.
2. Speed cure times for faster return to service.
3. Speed curing through larger gaps and threads.
4. Substantially speed cure times on cold parts.
5. Act as a cleaning agent.

Primer is optional with:

Active surfaces: Brass, copper, bronze, iron, soft steel, nickel.

Primer is required with:

Inactive surfaces: Aluminum, stainless steel, magnesium, zinc, black oxide, cadmium, titanium and others.

Loctite 10 ml Travel Tray (Z02)

IBS No. 747R • 6 Items • 6 Pieces

Packaged in a plastic locking storage container for easy storage & organization

 IBS, Inc. <small>SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR INDUSTRIALBOLT.COM • 800-678-1906</small>		Loctite 10 ml Travel Tray				Assortment No. 747R
<p>24221 LOCTITE 242 BLUE REMOVABLE THREADLOCKER 10 ml</p> 	<p>24310 LOCTITE 243 BLUE MEDIUM OIL RESISTANT THREADLOCKER 10 ml</p> 	<p>26221 LOCTITE 262 RED HIGH STRENGTH OIL RESISTANT THREADLOCKER 10 ml</p> 	<p>26321 LOCTITE 263 RED HIGH STRENGTH OIL RESISTANT THREADLOCKER 10 ml</p> 	<p>29021 LOCTITE GREEN MEDIUM THREADLOCKER 10 ml</p> 	<p>32429 LOCTITE 545 PURPLE HYDRAULIC / PNEUMATIC SEALANT 10 ml</p> 	



ADHESIVES



IBS, INCORPORATED

Assortments (Z02)

Thread locking

Loctite Threadlocker Assortment

IBS No. 671R • 8 Items • 8 Pieces

Packaged in a locking steel drawer for easy storage and organization

 IBS, Inc. SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR INDUSTRIALBOLT.COM © 2010 800-678-1906		Loctite Thread Lockers Assortment No. 671R	
37087 LOCTITE 19GM BLUE 	37686 LOCTITE 19GM RED THREADLOCKER 	51604 LOCTITE TIGHT ANAEROBIC GEL 	21348 LOCTITE PRIMER-N AEROSOL 4.5OZ 
24231 LOCTITE REMOVABLE 	26331 LOCTITE 263 RED HIGH STRENGTH OIL RESISTANT THREADLOCKER 	29031 LOCTITE 50ML GREEN MEDIUM 	27240 LOCTITE 50ML HT TEMP HI 



Loctite 10ml Threadlocker Assortment

IBS No. 676R • 8 Items • 8 Pieces

Packaged in a locking steel drawer for easy storage and organization

 IBS, Inc. SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR INDUSTRIALBOLT.COM © 2010 800-678-1906		Loctite 10ml Threadlockers Assortment No. 676R	
37087 LOCTITE 19GM BLUE THREADLOCKER STICK 	37686 LOCTITE 19GM RED THREADLOCKER STICK 	51604 LOCTITE TIGHT ANAEROBIC GEL 50ML 	21348 LOCTITE PRIMER-N AEROSOL 4.5OZ 
24221 BLUE REMOVEABLE THREADLOCKER 10ml 	26221 262 RED HIGH STRENGTH THREADLOCKER 10ml 	29021 290 GREEN MEDIUM THREADLOCKER 10ml 	32526 2760 RED HIGH THREADLOCKER 10ml 



ADHESIVES

Loctite Products S08

Thread Sealing

545 Hydraulic/Pneumatic Thread Sealant

IBS No. 54531 — 50 ml IBS No. 32429 — 10 ml

Designed for both hydraulic and pneumatic systems, 545 contains no fillers or particles which could contaminate system fluids, foul valves, or clog fine filters and screens. Suitable for fittings up to 2" (50 mm) in diameter, 545 has excellent solvent resistance.

Additional sizes available as non-stock items



561 PST Thread Sealant "Quick Stix"

IBS No. 37127 - 19 grams

New, patented semi-solid stick formula offers added convenience and portability. Like Loctite® 565™ PST® this product has immediate low pressure sealing, eases disassembly, and will not contaminate or clog lines. The semi-solid formula also means it won't spill or leak, making it great for overhead applications or carrying in a pocket or toolbox.



565 PST Thread Sealant

IBS No. 56531 — 50 ml tube 56541 — 250 ml tube

Formulated specifically for metal, tapered pipe thread fittings, 565 cures rapidly to provide immediate low pressure sealing. Its controlled lubricity prevents galling and it prevents mated thread areas from rust and corrosion. 565 can be used on fittings up to 2" (50mm) in diameter.

NSF Food Grade with primer

Refer to approvals on tech page (SA-22)



Loctite Quick-Stix Assortment

IBS No. 673R • 6 Items • 6 Pieces

Packaged in a clear plastic locking storage container for easy storage & organization

IBS, Inc. <small>SPECIALTY PRODUCTS FOR MAINTENANCE & REPAIR INDUSTRIALBOLT.COM © 2008 800-678-1906</small>		Loctite Quick-Stix Travel Tray			
<small>Assortment 673R</small>					
<small>37087</small> LOCTITE 19GM BLUE THREADLOCKER STICK	<small>37686</small> LOCTITE 19GM RED THREADLOCKER STICK	<small>37127</small> LOCTITE 561 PST THD SEALING STICK 19GM	<small>37229</small> LOCTITE COPPER ANTISIEZE 19GM STICK	<small>39148</small> LOCTITE 668 MED STR RETAINING STICK 19GM	



ADHESIVES



IBS, INCORPORATED

Loctite Products S08

Thread Sealing

567 PST Thread Sealant

Pipe Sealant Formulated for Stainless Steel and all Metals

IBS No. 56747 - 50 ml tube



*Additional sizes available
as non-stock items*

A general-purpose instant thread sealant for taper/taper threads. Excellent solvent resistance and eliminates galling on stainless steel. Ideal for stainless steel, iron, aluminum, galvanized steel and other metals. Controlled strength for easy disassembly with hand tools. Service temperature up to 480°F (250°C).

- Prevents leaks; does not shrink, crack, creep or shred.
- Resists vibration and shock loads.
- Seals to burst strength of most piping systems.
- Prevents galling and corrosion; eliminates seized assemblies.

No More Leaks™

Plastic Pipe Sealant

IBS No. 1537780 — 16. oz. brush can



*Additional
sizes available
as non-stock
items*

Seals plastic pipes and allows easy disassembly. Specially formulated without the added lubricity of PTFE to avoid cracked fittings caused by overtightened joints.

Thread Sealant with PTFE

IBS No. 1527514 — 16 oz. brush can - Non Hardening



*Additional
sizes available
as non-stock
items*

A general purpose sealant with the added lubricity of PTFE for metal pipes. Won't shred like PTFE tape and allows easy disassembly. Resists common shop fluids.

Tight Anaerobic Gel

IBS No. 51604 — 50 ml tube



*Additional sizes
available
as non-stock items*

Tight® is a multi-purpose anaerobic gel that seals, locks and retains. It seals against most liquids and gases and works well on coarse threads, large gaps, and all overhead applications. Use on nuts, bolts, studs, screws, threads.

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IBS, INCORPORATED

Sealants & Adhesives S02



DriveGrip Anti Cam-Out Fluid IBS No. 52010 0.5 FL oz. Tube

Drive Grip makes removing and tightening screws and other fasteners a breeze. A single drop creates a positive grip between the metal surfaces of the fastener head and drive tool. Works great in applications where fastener heads or drives are worn or damaged.

Drive Grip increases the grip strength between the fastener head and tool by as much as **700%** and virtually eliminates tool wear, rounding and deforming of fasteners

APPLICATIONS:

- Aids in the removal of rusted or “frozen-in-place” screws and bolts that won’t budge.
- Use Drive Grip in conjunction with all types of screwdrivers, hex keys, pliers, channel locks, vise grips, sockets, as well as open-end and box-end wrenches

BENEFITS:

- **Economical:** Spares the time and expense involved with drilling out screws, using “easy outs” or possibly having to re-tap holes.
- **Simplifies Operation:** Works with standard screwdrivers, reducing the need for specially designed screw-drivers, reamers, or drilling out damaged screws.
- **Averts injury:** Helps reduce fatigue and extreme effort that leads to injury.
- **Protects Surrounding Surfaces:** Prevents driver slippage.



Works with all types of screws:
Phillips™, Slotted, Hex, Square, Torx®



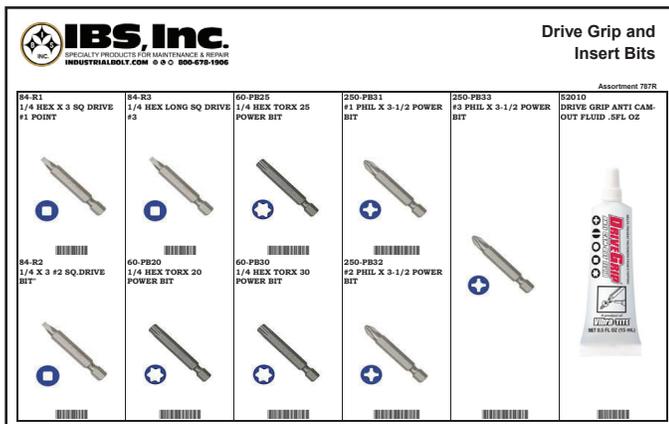
No need to drill out or use pliers on stubborn screws.



Prevents screwdriver from slipping and causing damage.

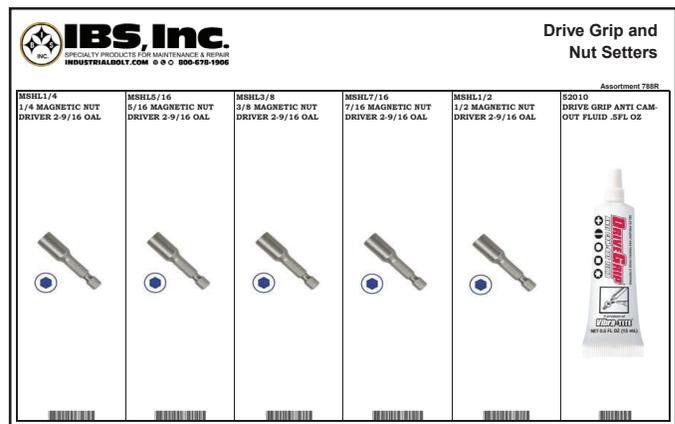
DriveGrip & Insert Bits (Z02) IBS No. 787R 10 Items • 19 Pcs

Packaged in a locking plastic box for easy storage & organization



DriveGrip & Nutserts (Z02) IBS No. 788R 6 Items • 9 Pcs

Packaged in a locking plastic box for easy storage & organization



ADHESIVES



IBS, INCORPORATED

Sealants & Adhesives S02

Thread Sealing

Anti-Seize Lubricant & Sealant

IBS No. AS022 — 16 oz. can

IBS No. EQ001 (Brush Top Dispenser)



A special blend of extra fine graphite and aluminum particles in synthetic oils. It's unique qualities prevent corrosion, seizure, and galling where two metals (including stainless steels) must come together to provide a tight make up. **It is effective to 2200°F** and also functions as a high temperature lubricant and sealant as well (we even package it in grease cartridges).

AS022 is absolutely non-melting, will not drip or run, and is superior to copper or lead based lubricants because it eliminates electrolysis, withstands higher temperatures and pressures and gives cleaner breakouts from high torques.

Unique brush pump dispenser for 16oz cans allows use of all the product in the can, cleaner application of the product (no messy hands), and keeps product from becoming contaminated.



Technical Data:

Temperature Range.....-20° to 2200°F
Flash Point.....C.O.C. 310°F
Color.....Silver
NLGI Grade.....No. 1
Water Resistance.....Insoluble
Protective equipment.....None
Poison Classification.....Non-toxic
Particle size.....Less than 1 micron

Typical Applications:

- Rollers and conveyors
- Gears, Chains, and Drives
- All Threaded Fittings
- Gaskets, Flanges, and O-rings
- Valve Stems and Cages
- Cylinder Head Assemblies
- Furnaces and Burner Assemblies
- Key ways, and Shaft Coupling Bolts
- Fuel injectors and Spark Plugs
- Low RPM Bearings

Note: Corrosive inhibitors: Conventional Imadoline Derivate,
EP Additive: diester Type - contains no Phosphorous, sulfur, or metal salt.
Raw materials used for manufacturing AS022 contains 0 ppm chlorides and 0 ppm heavy metals.
AS022 in grease cartridge fortified with molybdenum disulfide.

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Adhesives

Blu-Goo

Super Sealant & Lubricant Fortified with Metalon™

IBS No. ML013-16 - 16 oz. Can with Brush Top

ACCESSORIES: EQ001 Pump Brush Dispenser for 16 oz can



Blu-Goo™ is a special blend of inert materials that offer a variety of industrial uses where reduction of metal to metal contact is desired. As a thread sealing compound, **Blu-Goo™** forms an interface between male and female threads that provides anti-galling/seizing protection of the joint, which can withstand pressures up to 20,000 psi, even in worn, corroded or badly machined thread surfaces.

Blu-Goo™ is also an excellent gear box additive. It forms a film over the internal parts, resulting in a noticeable reduction in play, gear noise, and leakage. It also reduces torque stress, allowing a reduction in drive power requirements. When applied to gasketed surfaces or used as a packing supplement, it prevents fluid leakage from around the seal.

Good for any application up to 600°F, **Blu-Goo™** will work on Stainless Steel, Aluminum, Iron, Brass, Fiberglass and Plastic. Not affected by acids, caustics or common solvents.

Typical Applications:

- Thread Sealant
- Gearbox Additive
- Gasket Dressing
- Packing Supplement
- Pump Lubricant
- Low Temperature Anti-Seize
- O-Ring Lubricant

APPLICATION INSTRUCTIONS:

Thread Sealing: Apply Blu-Goo to both male and female threads. Spread evenly with brush or other applicator. As connection is being made-up, Blu-Goo will “plate out” evenly over threads.

As Gearbox Additive: Mix Blu-Goo to gear oil in the following amounts: 1 quart, 1 oz. of Blu-Goo; 2 quarts, 2 oz.; 4 quarts, 3 oz.; 8 quarts, 5 oz.; 12 quarts, 6 oz.; 16 quarts, 7 oz.

As a Gasket Dressing: Coat one side of metal flange face. Press gasket into Blu-Goo on surface. Then coat exposed face of gasket. To help prevent leakage, also coat the inside edge of the gasket before making up flange.

As Packing Supplement: Coat each ring of packing. Put in place, seating each ring individually. Replace follower gland and hand tighten lightly. For other applications, apply similarly as products previously used.

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IBS, INCORPORATED

Sealants & Adhesives S02

Adhesives

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Multi-Purpose Adhesive

IBS No. 74510 — 3.70 oz. tube IBS No. 74511 — 10.2 oz. cartridge

MULTI-PURPOSE ADHESIVE is a highly versatile compound that exhibits exceptional adhesive and sealant characteristics. It will adhere to a larger variety of surfaces than most other adhesives with greater strength. It adheres to highly porous materials such as cinder blocks, or to non-porous surfaces such as glass, metal, or rubber.

MULTI-PURPOSE ADHESIVE is exceptionally flexible, highly abrasion resistant, non-corrosive, paintable, self-leveling, and maintains its properties under water. It has an elongation of 900% and a 400 volt per mil dielectric strength, so it is ideal for repairing cable and sealing electrical connections.

Note: Other size containers and colors available with special quote.



Technical Data

Color.....	Clear
Service Temperature Range.....	-40°F to 150°F
Hardness.....	80 Shore A
Tensile Strength.....	3500 lb/in2 (ASTM D-412)
Elongation.....	900%
Paint Over Time.....	24 Hours
Cure Times.....	Tack Time: 10 minutes Full Cure: 24 hours (Thin Film) Full cure: 48-72 hours (Thick Film)

Metalink Adhesives

Debonder™

IBS No. ML525 — 2 oz bottle

DEBONDER™ -The "Super-Glue Remover". Removes cured cyanoacrylate as well as most other adhesives, paint, oils, mold release, printer ink, and permanent markers. Great for softening thread locking compounds, removing signs, etc.



Accelerator™

IBS No. ML530 — 2 oz bottle

ACCELERATOR™ promotes instant cure of all cyanoacrylate adhesives. It increases gap fill and allows fillet forming. Great for tacking wires to circuit boards and hanging signs. It even enhances bond strength in some applications. Convenient pump spray delivery. Contains no CFC's.





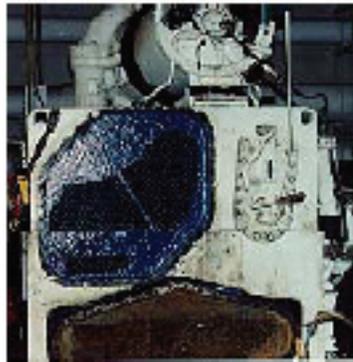
Brushable Ceramic

IBS No. ML406 - 8# Kit (Includes 8 - 1# Containers, 4 Red, 4 Blue)
IBS No. ML406-2 - 2# Kit (Includes 2 - 1# Containers, 1 Red, 1 Blue)

ML406 Brushable Ceramic is a two component, brushable, 100% solids(solvent free) high technology polymer formula, combined with diamond-hard ceramic fillers that provide an exceptionally tough surface for wear and corrosion areas. It offers a high gloss surface to eliminate sticking and turbulence. In addition to withstanding fine particle abrasive attack, it also protects against moderate corrosion, and withstands temperatures up to 400°F / 95°C. Each ML406 kit contains two colors, (red and blue), so that by alternating layers, you can more easily gauge wear.

TYPICAL APPLICATIONS:

- Tube Sheets
- Water Boxes
- Pump Housings
- Impellers
- Tank Linings
- Cyclones
- Cort Nozzles
- Chutes, Pipes, & Elbows
- Hydroturbine Housings
- Discharge Nozzles
- Mixing Blades



Tube Sheet Repair



Pump Repair

TECHNICAL DATA:

Compressive Strength (ASTM-D-695-54).....	21,000 psi
Tensile Strength (ASTM - D-638).....	4,800 psi
Operating Temperature (constant).....	250°F
Intermittent Temperature Fluctuations.....	up to 400°F
Dielectric Strength.....	500 volts/1 mil thickness (25 microns)
Hardness (Shore D).....	96 D
Working Time (Pot Life) @ 77°F.....	30 minutes
Cure Time @ 77°F.....	6 hours
Coverage.....	3 sq. ft. per pound @ 30 mils thick
Mix Ratio-By Volume.....	6 parts B to 1 Part A
By Weight.....	14 parts B to 1 Part A

APPLICATION INSTRUCTIONS:

1. Grind, sand, brush or grit-blast surface for best adhesion. Clean with (74156) MM Safety Solvent IV Degreaser and wipe dry. In humid climates it is advisable to flame brush the surface to prevent flash rusting and to help the polymer to "wet out". Apply MM Silicone Spray (74108) as a release agent to any area you do not want the compound to adhere to.
2. Mix all Resin and all of Hardener thoroughly until uniform in color (no streaks). Apply fully mixed material to desired surface with the enclosed brush.
3. Working time is 25 minutes at room temperature. Material is hard in 6 hours and fully cures in 12 hours. The curing time may be shortened considerably by heating the surface to 150 degrees F. Second coats may be applied as soon as the first coat is firm (usually about 45 minutes).

ADHESIVES



IBS, INCORPORATED

Sealants & Adhesives S02

Brushable Ceramic

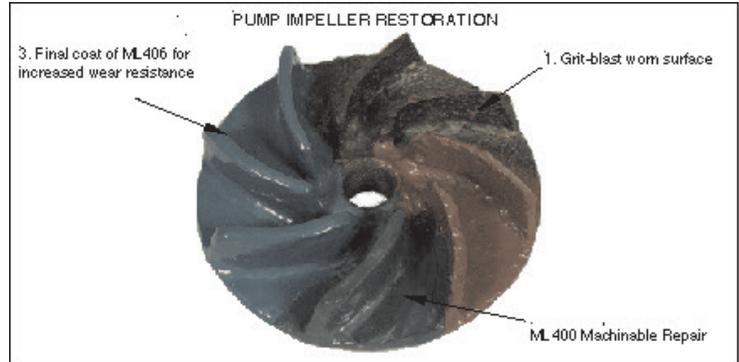
CHEMICAL RESISTANCE AT AMBIENT TEMPERATURE

Tap Water.....	E
Sea Water.....	E
15% Hydrochloric Acid.....	E
20% Sulfuric Acid.....	E
10% Ammonia.....	E
30% Caustic Soda.....	E
Gasoline.....	E
Xylene.....	E
Toluene.....	G
Benzene.....	P
MEK.....	G
50% Ethanol.....	G
Methylene Chloride.....	P

E- Recommended for continuous immersion
 G- Recommended for intermittent contact
 P- Not recommended

WARNING:

This product is a potential skin sensitizer. May cause injury to eyes and skin following prolonged or repeated contact. Inhalation of vapor may cause respiratory tract irritation. Use adequate ventilation when applying to avoid inhalation of vapor. Prevent contact with eyes and skin. Read and understand M.S.D.S. sheet.



BRUSHABLE CERAMIC APPLICATIONS



ML406 BRUSHABLE CERAMIC - Centrifugal Pump Coating - Temple Inland, Buna, TX



ML406 BRUSHABLE CERAMIC - River Discharge Pump - Inland Container, Orange, TX



BRUSHABLE CERAMIC APPLICATIONS & TESTIMONIALS



October 20, 1995

Mr. Rodney Robinson
 P.O. Box 851
 Belton, Texas 77912

Dear Mr. Robinson,

We recently removed several secondary coolers from our #2 Sulfuric acid unit that had been coated with your Metabond products three years ago. The coolers were used in fresh water service.

Heavy corrosion was present on uncoated areas. The parts of the coolers that were coated with Metabond performed extremely well with minimal amounts of corrosion. We are in the process of re-coating parts of the old equipment that were unprotected.

We expect similar outstanding results in the future. Thank you for your help in keeping our maintenance costs down.

Sincerely,

 Roger A. Baker
 DuPont Eng. Services

September 12, 1996

To Whom It May Concern:

I have been a user of Metabond Polymer and Adhesive products for over seven years. As a Contractor assigned to the Dupont Delveours Sabine Works plant, I have applied a variety of Metabond epoxy compounds in various and operational applications. In all applications I have found the products to perform exceptionally well, and be exactly what they are supposed to be. They have performed as well as the Metabond products have become the epoxy compounds of choice by Dupont engineers. I also have found the staff of Applied Maintenance Specialties, Inc. to be very knowledgeable in application particulars and problem solving.

Sincerely,

 Walter A. Clark
 Service Environmental Company
 Beaumont TX
 409-886-9854

City of Tacoma
 Public Works Department

October 18, 1996

City of Tacoma
 Public Works Department
 Mayor Philip Skelton
 2201 Portland Ave.
 Tacoma, WA 98401-2711
 (360) 522-2338

The City of Tacoma utilizes the storm drainage water from the local geographical area for the operation of the sewage water treatment facility. This system includes a high degree of air or sludge, retaining high alkalinity and neutralizes the raw sewage, preventing the biological application.

We have used a product on several other components applied by Belzona. This product provides a certain coating on the base material which allows the concrete material to wear rather than the base material itself.

We introduced a similar product to us in June 1996 which allowed to provide the same protection. This product, called concrete coating repair was tested against the Belzona product. The result of a number of 250 psi ball tests on 150 psi in a very concentrated area on both the Belzona and Metabond products. We found the Belzona product failed after one month. The Metabond product was still intact after fifteen months.

Thank the test results dramatically favored the Metabond product, our proof of performance is in the installed environment. The IBS Metabond Ceramic Repair was applied to pump housing and properties which have been installed in their service environment.

In the past, the Belzona product would have required application of the Belzona product to the concrete. The Metabond product was checked after two weeks. No wear whatsoever was discovered.

The Metabond product has been providing our critical components for over four months with the total coating. In our opinion, this product represents a significant future and ongoingly saving to the city of Tacoma.

Dick Kieratz
 WWTP Maintenance Supervisor

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IBS, INCORPORATED

Sealants & Adhesives S02

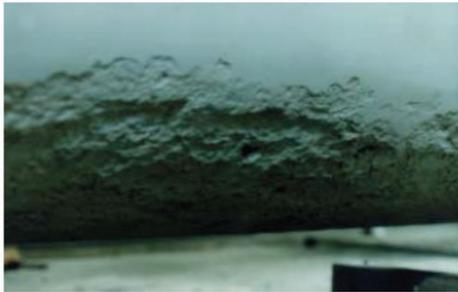


BRUSHABLE CERAMIC APPLICATIONS

Cooling Tower Distribution Pipe Repair



Repair and Coating of Main Cooling Tower Water Distribution Pipe (36" x 92ft Long) at Bayer Rubber Plant, Orange, TX



Upon inspection of the pipe during a scheduled plant turn-around, it was discovered that continuous leaks had caused massive erosion on the bottom of the pipe. Replacement of pipe was not an option due to fire restrictions and time constraints.



Pipe was repaired in place with approximately \$66,000 of Machinable Repair and Paint On Ceramic Coating. Estimated saving for replacement of pipe: \$325,000.

BRUSHABLE CERAMIC APPLICATIONS

HEAT EXCHANGER TUBE SHEET REPAIR



Step 1. Freshly sand blasted tube sheet holes are filled with cork and all gasket surfaces are taped up.



Step 2. Surface dust is cleaned off with Maintenance Magic Safety Solvent IV Degreaser and ML406 Brushable Ceramic is applied.



Step 3. Cork and tape removed. ML406 provides a corrosion and cavitation resistant surface that will provide many more years of service.

Tube sheet repair performed for Carrier Corporation.

BRUSHABLE CERAMIC APPLICATIONS

FLAT BACK ELBOWS ON CHIP BLOW LINES



FLAT BACK ELBOWS receive a great degree of wear as they divert the flow of chips or wood particles in a blow line. ML406 Brushable Ceramic Coating is used for increased wear resistance and also to decrease friction that leads to clogging.



For best protection, two coats of ML406 are applied to the interior of the elbow (one red and one blue). When the unit is disassembled for inspection it is easy to determine wear patterns in the coating.



The "Flat Back" portion of the elbow is coated thicker than the rest, as it receives the majority of the wear. ML406 Brushable Ceramic may also be used to coat the inside of the Chipper Housing and any Chip Fan Housings and Impellers.

Flat Back Elbow Repair at Inland Paperboard, Orange TX

ADHESIVES



IBS, INCORPORATED

Sealants & Adhesives S02

Dillo Hyde™ Wear Systems Ceramic Hexagonal Wear Plate

IBS Numbers:

- ML200-125 1/8" x 6" x 6" (48 sheets per box)
- ML200-125H 1/8" 1/2"-Tile for edge finishing
- ML200-250 1/4" x 6" x 6" (36 sheets per box)
- ML200-250H 1/4" 1/2"- Tile for edge finishing
- ML200-125KT Dillo Hyde Kit with 12ea 1/8" x 6" x 6" tiles & 1 lb M406
Brushable Ceramic
- ML200-250KT Dillo Hyde Kit with 12ea 1/4" x 6" x 6" tiles & 1 lb M406
Brushable Ceramic

NOTE: ORDERED AS NON-STOCK ITEMS

"Dillo Hyde" ceramic hexagonal wear plates represent the absolute ultimate in wear technology today. Each .80 inch tile is made of Sapphire hard 87% Alumina Ceramic and is pre-mounted on 6" square mats to facilitate application. At a "9+" on the Mohs Hardness Scale, "Dillo Hyde™" is second only to a diamond in hardness and provides the ultimate abrasion resistant coating for a variety of material handling environments. When combined with our ML406 Brushable Ceramic Coating as an adhesive, the two form a tough, wear-resistant coating that will outlast epoxies, hard-plating, metalizing powders, or hard surfacing electrode deposits many times over.



'DILLO HYDE™ used to repair contoured discharge area of exhaust fan housing.

Characteristics:

Easy Application:

The flexible 6" square mats will bend to fit a variety of curved sections such as pipe, pump casings, elbows, etc. Installation methods include epoxy, refractory cement, and tile adhesive.

Temperature resistant:

Maintains wear-resistant qualities at elevated temperatures (-50° to +2000°F).

Corrosion Resistant:

Resistant to attack by hydrocarbons, most alkalies or mineral acids (except hydrofluoric).

Inert:

Alumina Ceramic is non-toxic, non-allergenic, non-contaminating, and non-hazardous to persons or the environment. It will not rust, oxidize, discolor, or decompose.

Super Hard:

9+ on the Mohs Hardness Scale; second only to diamonds in hardness among natural materials.

DILLO HYDE™ WEAR SYSTEMS Hardness Comparison (MOHS)

Diamond	10
Sapphire	9
Dillo Hyde	9
Topaz	8
Quartz	7
Tool Steel	6.5
Glass	5.5
Carbon Steel	5.5
Limestone	4

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Pipe Repair

Seal-Skin™

IBS No. ML450, 2 " X 5' roll

IBS No. ML450-4, 4" x 15' roll

Resin-coated, fiberglass cloth designed for rapid repair of ruptured piping and other patch jobs. It is moisture activated (reacting with or without water immersion), making it excellent for water or steam line repairs. Sets up in approximately 30 minutes. It works on PVC, metal, rubber, fiberglass, plastic and other type materials. Has high adhesive qualities. Odorless, non-combustible. Can be sanded or painted.

TECHNICAL DATA:

Compressive Strength.....	26,600 psi
Tensile Strength.....	24,900 psi
Flexural Strength.....	16,100 psi
Bond Strength.....	98 psi
Barcol Hardness.....	53
Heat Resistance.....	1,100°F
Dielectric Strength.....	16,060 Volts
Cure Time @ 75°F.....	30 minutes



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IBS, INCORPORATED

Aerosols & Chemicals S04

Epoxy Repair Products

JB Weld WaterWeld

**PERMANENTLY REPAIRS WET AREAS
AND UNDERWATER SURFACES**
IBS No. 74505

JB Weld WaterWeld bonds tenaciously to fiberglass, metal, wood, concrete, ceramic, glass and other surfaces in either fresh or salt water.



Easy To Use!

- 1) Cut or break off equal portions of light and dark material.
- 2) Roll and knead putty in hands until streaks disappear and color is uniform.
- 3) Apply at once to surface, remove excess before hardening starts.

Features:

- Easy to Use
- Cures under water in just 60 minutes.
- Contains fading blue dye that turns pure white after mixing.

PERFORMANCE DATA*:

Working Life (minutes)	20 - 30
Shelf Stability (months @ 75°F, min.)	24
Hardness, Shore D (full cure, 24 hrs.)	65 - 75
Lap Shear Tensile Strength	
On Steel (1" x 1" x 1/16") lbs	800-1000
On Fiberglass (1" x 1" x 1/16") lbs	500
Compressive Strength (psi)	10-14,000
Density (gm/cm ³ , lb/gal)	1.9, 15.8
Shrinkage (%)	<1
Non-Volatile Content (%)	100
Electrical Resistance (megohms)	30,000
Dielectric Strength (volts/mil)	300
Upper Temperature Limit	
Continuous (°F)	250 (121°C)
Intermittent (°F)	300 (149°C)

CHEMICAL RESISTANCE:

Resistance to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

* Typical properties; for information only; not for specification purposes.

READ SDS SHEET BEFORE USING

APPLICABLE STANDARDS

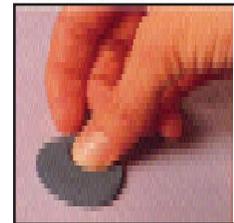
- USDA** Meets the USDA requirements for use in federally inspected meat and poultry plants.
- ABS** Certified by the American Bureau of Shipping for use on marine vessels.



1. Cut



2. Mix



3. Apply

USE ON . . .

- Scratches
- Patching cuts & holes
- Fiberglass
- Metal
- Wood
- Pipes
- Fittings
- Electrical connections
- Leaking gaskets
- Fuel Tanks
- Water Tanks
- Tubs
- Sinks
- Pools
- Battery cables

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Epoxy Repair Products JB Weld SteelStik

FOR STEEL HARD REPAIRS IN A STICK

IBS No. 74502

JB Weld SteelStik combines steel reinforced epoxy resin and hardener side by side in a 6" x 3/4" stick, conveniently packed in an easy to carry plastic tube. After just one hour, JB Weld SteelStik can be drilled, tapped, sanded, machined or painted.



Easy To Use!

- 1) Cut or break off equal portions of light and dark material.
- 2) Roll and knead putty in hands until streaks disappear and color is uniform.
- 3) Apply at once to surface, remove excess before hardening starts.

PERFORMANCE DATA:

Working Life (minutes)	3 - 5
Shelf Stability (months @ 75°F, min.)	24
Hardness, Shore D (full cure, 24 hrs.)	75 - 8
Lap Shear Tensile Strength	
On steel (1" x 1" x 1/16") lbs	800 - 1,000
Compressive Strength (psi)	10 - 14,000
Shrinkage (%)	<1
Non-Volatile Content (%)	100
Electrical Resistance (megohms)	30,000
Dielectric Strength	300
Upper Temperature Limit	
Continuous (°F)	250°F (121°C)
Intermittent (°F)	300°F (149°C)

CHEMICAL RESISTANCE:

Resistance to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

Not to be used for specification purposes.

** Typical properties; for information only; not for specification purposes.*

READ SDS SHEET BEFORE USING

APPLICABLE STANDARDS

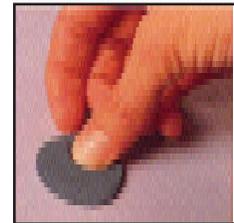
- USDA Meets the USDA requirements for use in federally inspected meat and poultry plants.
- ABS Certified by the American Bureau of Shipping for use on marine vessels.
- NSF Certified by the National Sanitation Foundation for use in contact with drinking water.



1. Cut



2. Mix



3. Apply

FEATURES

- Mixes like putty.
- Hardens like steel.
- Even cures underwater.

USE ON . . .

- Tanks
- Radiators
- Bathroom Fixtures
- Tile
- Cars
- Boats
- Furniture
- Metal & Wood
- Down spouts
- Gutters
- Garbage Cans
- Valves, Etc.



IBS, INCORPORATED

Aerosols & Chemicals S04

Epoxy Repair Products

JB Weld KwikWood

WOOD REPAIR EPOXY PUTTY STICK

IBS No. 74506



JB Weld KwikWood Epoxy Putty Stick is a fast-setting polymer compound that enables permanent repairs to wood. It also bonds to metals, glass, masonry, and many plastics. Each handy stick contains pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. As the epoxy is mixed, the two contrasting colors blend into one color to indicate complete mixing. The consistency (like modeling clay) eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be shaped, formed and sculpted as needed before the curing begins. Cured KwikWood has a hardness and density similar to that of wood. Once cured, it can be tapped, drilled, sawed, filed, carved sanded, painted or stained.* Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. Contains no solvents or VOC's. It's non-flammable and releases no noxious fumes. It won't shrink, rot or pull away. The unmixed portion stays fresh for future use when saved in the original package.

* *Staining: KwikWood may accept stain differently from the surrounding wood. Some types of oil-based stains may be added during the mixing step.*

PERFORMANCE DATA*:

Working Life (minutes)	15 - 25
Shelf Stability (months @ 75°F, min.)	24
Hardness, Shore D (full cure, 24 hrs.)	70 - 80
Lap Shear Tensile Strength	
On Steel (1" x 1" x 1/16") lbs	800-1000
On Oak (1" x 1" x 1/16") lbs	500
Compressive Strength (psi)	10-14,000
Density (gm/cm ³ , lb/gal)	9, 7.5
Shrinkage (%)	<1
Non-Volatile Content (%)	100
Electrical Resistance (megohms)	30,000
Dielectric Strength (volts/mil)	300
Upper Temperature Limit	
Continuous (°F)	250 (121°C)
Intermittent (°F)	300 (149°C)

CHEMICAL RESISTANCE:

Resistance to hydrocarbons, ketones, alcohols, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

* *Typical properties; for information only; not for specification purposes.*

READ SDS SHEET BEFORE USING

REBUILD...

- stripped screw holes
- scratches
- gouges & cracks
- dry rot
- knot holes
- carpenter bee damage

RESHAPE...

- handles and knobs
- level chair legs
- carvings

RESTORE...

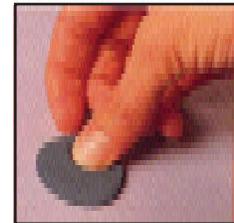
- furniture
- molding and trim
- picture frames
- antiques



1. Cut



2. Mix



3. Apply

APPLICABLE STANDARDS

USDA Meets the USDA requirements for use in federally inspected meat and poultry plants.

ABS Certified by the American Bureau of Shipping for use on marine vessels.

ADHESIVES



Epoxy Repair Products

EZ-Poxy Aluminum

ALUMINUM REINFORCED EPOXY PUTTY STICK

IBS No. 74508

WHILE SUPPLIES LAST



EZ-Poxy Aluminum Epoxy Putty Stick is a fast-setting polymer compound that enables permanent repairs to anything made of aluminum. It also bonds to metals, glass, masonry, and many plastics. Each handy stick contains pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. As the epoxy is mixed, the two contrasting colors blend into one color to indicate complete mixing. The consistency (like modeling clay) eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be shaped, formed and sculpted as needed before the curing begins. Cured EZ-Poxy Aluminum cures to a light gray metallic color. Once cured, it can be tapped, drilled, screwed, sawed, filed or painted. Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. Contains no solvents or VOC's. It's non-flammable and releases no noxious fumes. It won't shrink or pull away. The unmixed portion stays fresh for future use when saved in the original package.



REPAIR...

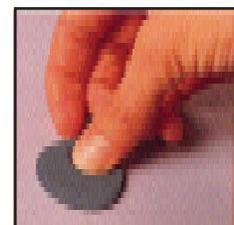
- gutters
- storm doors
- windows
- aluminum siding
- boats
- RV's



1. Cut



2. Mix



3. Apply

MEND...

- machine parts
- air conditioners
- wheels
- tanks
- pipes
- castings
- radiators

FILL...

- cracks
- holes

Performance Data*

Shelf Life (months @ 75°F, min)	24
Hardness, Shore D (full cure, 1 hr).....	80
Lap Shear Tensile Strength (psi)	
On Aluminum	500
On Steel .....	.600
Compressive Strength (psi)	12,000
Density (gm/cm ² , lb/gal)	1.6, 13.4
Shrinkage (%).....	<1
Non-Volatile Content (%).....	100
Electrical Resistance (megohms)	30,000
Dielectric Strength (volts/mil)	300
Upper Temperature Limit	
Continuous (°F)	250
Intermittent (°F)	300

Chemical Resistance

Resistant to hydrocarbons, ketones, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

* Typical properties; for information only; not for specification purposes.

APPLICABLE STANDARDS
USDA Meets the USDA requirements for use in federally inspected meat & poultry plants

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IBS, INCORPORATED

Aerosols & Chemicals S04

Epoxy Repair Products

JB Weld PlasticWeld

PLASTIC REPAIR EPOXY PUTTY STICK

IBS No. 74507



JB Weld PlasticWeld Epoxy Putty Stick is a fast-setting polymer compound that enables permanent repairs to all major plastic types except polyolefins (polyethylene / polypropylene). It also bonds to metal, wood, glass, and masonry. Each handy stick contains pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. As the epoxy is mixed, the two contrasting colors blend into one color to indicate complete mixing. JB Weld PlasticWeld contains a fading blue dye and becomes white after mixing. The consistency (like modeling clay) eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be shaped, formed and sculpted as needed before the curing begins. Once cured, it can be drilled, screwed, carved, sawed or painted. Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. Contains no solvents or VOC's. It's non-flammable and releases no noxious fumes. It won't shrink or pull away. The unmixed portion stays fresh for future use when saved in the original package.

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Performance Data*

Shelf Life (months @ 75°F, min)24
Hardness, Shore D (full cure, 24 hrs)65
Lap Shear Tensile Strength (psi)	
On PVC	.....350
Compressive Strength (psi)	.....10,000
Density (gm/cm ² , lb/gal)	.....1.6, 13.4
Shrinkage (%)	.....<1
Non-Volatile Content (%)	.....100
Electrical Resistance (megohms)	.....30,000
Dielectric Strength (volts/mil)	.....300
Upper Temperature Limit	
Continuous (°F)	.....250
Intermittent (°F)	.....300

Chemical Resistance

Resistant to hydrocarbons, ketones, esters, halocarbons, aqueous salt solutions and dilute acids and bases.

** Typical properties; for information only; not for specification purposes.*

REBUILD...

- rigid plastics
- semi-flexible plastics

REPAIR...

- automotive trim
- appliance parts
- PVC furniture
- vinyl siding
- plastic downspouts & gutters

SEAL...

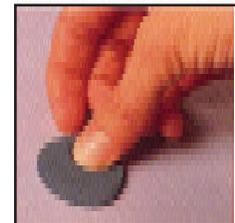
- leaks in PVC and ABS plastic plumbing pipes



1. Cut



2. Mix



3. Apply

APPLICABLE STANDARDS

USDA Meets the USDA requirements for use in federally inspected meat and poultry plants.

NSF Certified by the National Sanitation Foundation for use in contact with drinking water.



Epoxy Repair Products
EZ-Poxy Concrete
CONCRETE REPAIR EPOXY PUTTY STICK
IBS No. 74509

WHILE SUPPLIES LAST



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EZ-Poxy Concrete Repair Epoxy Putty Stick is a hand-mixable, fast-setting epoxy putty that quickly repairs concrete and masonry. It also bonds to metals, wood, glass, and many plastics. After mixing, it forms a concrete repair polymer that cures to a concrete-like color and texture. Each handy stick contains a pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. The consistency (like modeling clay) eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be shaped and formed as needed before curing begins. Once functional cure is reached (within minutes after application) it can be drilled, sawed, tapped, filed, sanded and painted. Suitable for interior or exterior use, it is resistant to water, chemicals, and temperature extremes. EZ-Poxy Concrete contains no solvents or VOC's. It's non-flammable and releases no noxious fumes. It won't shrink or pull away. The unused portion stays fresh for future use when saved in its original package.

Performance Data*

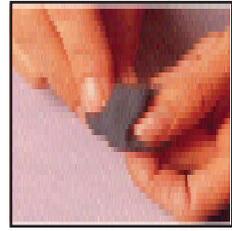
Shelf Life (months @ 75°F, min)	.....24
Hardness, Shore D (full cure, 24 hrs)	.....65
Lap Shear Tensile Strength (psi)	
On PVC	.....350
Compressive Strength (psi)	.....10,000
Density (gm/cm ² , lb/gal)	.....1.6, 13.4
Shrinkage (%)	.....<1
Non-Volatile Content (%)	.....100
Electrical Resistance (megohms)	.....30,000
Dielectric Strength (volts/mil)	.....300
Upper Temperature Limit	
Continuous (°F)	.....250
Intermittent (°F)	.....300
Chemical Resistance	
Resistant to hydrocarbons, ketones, esters, halocarbons, aqueous salt solutions and dilute acids and bases.	

** Typical properties; for information only; not for specification purposes.*

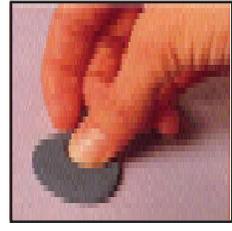
- PATCH...**
 - floors, curbs, steps
 - mortar, concrete
- REPAIR...**
 - tile, statues
 - lawn ornaments
 - birdbaths
 - cemetery headstones
 - cracks and seams
- ANCHOR...**
 - bolts, screws
 - nails
 - railings
 - legs
- SEAL...**
 - basement leaks
 - tie rod holes



1. Cut



2. Mix



3. Apply

APPLICABLE STANDARDS
USDA Meets the USDA requirements for use in federally inspected meat and poultry plants.



IBS, INCORPORATED

Aerosols & Chemicals S04

Aerosols

Spray Adhesive

IBS No. 74130

Spray Adhesive is recommended for decorative laminate to particleboard and MDF (medium density fiberboard) substrates, metals and plywood. This product has an adjustable tip offering the user a webbing type spray that is water white and does not contain Methylene Chloride. The unique formula prevents soak-in of the adhesive on porous surfaces. It offers the user very high coverage with a fast track time for general purpose bonding of a wide variety of substrates. Provides both temporary and permanent bonds.

Heat Resistant

for high temperature applications up to 140°F (60°C).

Superior Strength

handles heavy duty applications.

Permanent Bond

assures durability.

Fast Assembly

minimizes downtime.

Multi-Purpose

provides versatility.

Applications

Ideal for laminates, trim, signs, kick plates, woodworking, maintenance and asbestos removal. Adheres to most surfaces including wood, metal, glass and plastic.

CASE QTY = 12 CANS

- **Non Chlorinated**
- **Non-Ozone Depleting**
- **Wide Web Spray**
- **High Solids**

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FOR INDUSTRIAL / PROFESSIONAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

ALWAYS READ LABEL FOR COMPLETE DIRECTIONS AND PRECAUTIONS



Aerosols

R.T.V. Gasket Maker & Sealer With Spray Can Application

IBS No. 74131 - Black

IBS No. 74133 - Clear

R.T.V. Gasket Maker & Sealer is a single component room temperature vulcanizing silicone rubber. When applied as a formed-in-place gasket, it reacts with moisture in the air and cures to a rubber like product. RTV will adhere to clean metal, glass, most types of wood, silicone resin, vulcanized silicone rubber, ceramic, natural and synthetic fiber as well as painted and many plastic surfaces. R.T.V. Gasket Maker & Sealer has the convenience of a spray which means no more messy tubes and much less waste. With R.T.V. Gasket Maker & Sealer you can lay down a precise bead every time and claim 98% of R.T.V. from every can. Seals, bonds, and caulks. Makes any shape and size gasket on the spot.

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Tough Silicone Adhesive - Adheres to and bonds natural and synthetic fibers, glass, metal, wood, other silicone rubber, hard-to-stick-to plastics masonry products, etc.

Numerous Maintenance Applications - Seals against water, air, chemicals, oils and grease. Fills crevices and irregularities in joints. Waterproofs porous materials and perfect for weather-stripping. Insulates against shock and vibration and is a great electrical insulator. A perfect gasket maker for just about anything.

Typical Uses - Gasketing pumps, oil pans, valve covers, gear boxes and compressors.

General Uses - Seals windows, pipe joints, parts. Bonds gaskets, appliance parts, sign letters. Caulks joints duct work, equipment housings.

Resists Against - Fungus, ozone, weathering, aging, chemicals, aliphatic and aromatic compounds and shrinking.

Typical Property Characteristics - Tack-free in just 5 minutes and cure time at 1/8" thickness is just 24 hours. Tensile strength 350 psi. Can be used for extended periods at temps. up to 450°F and for shorter periods at 500°F.

**CASE QUANTITY - 6 CANS
SOLD EACH**

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Aerosols

R.T.V. Gasket Maker & Sealer With Spray Can Application

Comparison Test Against 3 oz. and 12 oz. tubes

12 oz. SqueezeTube

1. Fill Wt	12 ounce
2. Dispensed Wt	9-½ ounce
3. Total Feet Dispensed	42 feet of material (504 inches)
4. Feet Dispensed/per ounce	4.4 feet
5. Product Retention in Tube	2-¼ ounce or 21%

3 oz. Squeeze Tube

1. Fill Wt	3 ounce
2. Dispensed Wt	2.4 ounce
3. Total Feet Dispensed	9 feet of material (108 inches)
4. Feet Dispensed/per ounce	5 feet
5. Product Retention in Tube	.6 ounce or 20%

Maintenance Magic 8 oz. Automatic Tube

1. Fill Wt	8 ounce
2. Dispensed Wt	7-½ ounce
3. Total Feet Dispensed	60 ft of ⅛ in. bead (720 in.*)
4. Feet Dispensed/per ounce	7.7 feet
5. Product Retention in Tube	½ ounce or 6%

*This figure increases to 1056 inches when the product is used with the threaded taper nozzle attachment (IBS No. RL16065).

ALL MEASUREMENTS ARE BASED ON AVERAGE RESULTS

Based on actual material in place. Maintenance Magic's pressurized can is far more economical in shop use. No more broken squeeze tubes because Maintenance Magic's can dispenser protects product and allows 98% of product to be used.

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Aerosols

R.T.V. Hi-Temp Red Gasket Maker & Sealer

WITH SPRAY CAN APPLICATION

IBS No. 74153

R.T.V. Gasket Maker & Sealer is a single component room temperature vulcanizing silicone rubber. When applied as a formed-in-place gasket, it reacts with moisture in the air and cures to a rubber like product. RTV will adhere to clean metal, glass, most types of wood, silicone resin, vulcanized silicone rubber, ceramic, natural and synthetic fiber as well as painted and many plastic surfaces. **R.T.V. Gasket Maker & Sealer** has the convenience of a spray which means no more messy tubes and much less waste. With R.T.V. Gasket Maker & Sealer you can lay down a precise bead every time and claim 98% of R.T.V. from every can. Seals, bonds, and caulks. Makes any shape and size gasket on the spot.



Long Life Expectancy - in excess of 10 years. Excellent Resistance To Weathering, vibration, moisture, ozone, and extreme temperatures. Can be used for extended periods at temperatures up to 600° F and for shorter periods at 650° F. Tests have shown that even after 2 months at 600° F or one week at 650° F, the sealant remains rubbery.

Physical Properties - Tack-free in 15 minutes, complete cure in 24 hours (1/8" thickness). Uses moisture in the air to cure.

Tensile Strength - 350 psi.

Elongation - 500%

Applications & Uses - Bonds glass, wood, plaster. Seals windows, doors, and seams in RV's and campers. Caulks around sinks and toilets. Seals cracks in tiles. Great for waterproofing. Seals water pipes and drain pipes. Insulates electrical connections.

**CASE QUANTITY - 6 CANS
SOLD EACH**

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IBS, INCORPORATED

Aerosols & Chemicals S04

Aerosols

R.T.V. Low Volatile Blue

WITH SPRAY CAN APPLICATION

IBS No. 74631

R.T.V. Gasket Maker & Sealer is a single component room temperature vulcanizing silicone rubber. When applied as a formed-in-place gasket, it reacts with moisture in the air and cures to a rubber like product. RTV will adhere to clean metal, glass, most types of wood, silicone resin, vulcanized silicone rubber, ceramic, natural and synthetic fiber as well as painted and many plastic surfaces. **R.T.V. Gasket Maker & Sealer** has the convenience of a spray which means no more messy tubes and much less waste. With R.T.V. Gasket Maker & Sealer you can lay down a precise bead every time and claim 98% of R.T.V. from every can. Seals, bonds, and caulks. Makes any shape and size gasket on the spot.

TEMPERATURES

Silicone rubber offers both extreme low and high temperature resistance properties. It remains flexible to -60 deg C (-76 deg F) and although modulus increases, does not become brittle. These products will also withstand high temperatures up to +177 deg C (+350 deg F) during continuous operation, and up to +204 deg C (+400 deg F) for short periods. For extreme high temperatures, RED HI TEMP is recommended. This has a temperature range of +232 deg C (+450 deg F) for continuous operation, and +260 deg C (+500 deg F) for short periods

WEATHERABILITY

Because this material is 100% solids and contains no extenders or plasticizers, shrinkage due to weathering is negligible. Because of the chemical makeup, resistance to ultraviolet light and ozone is excellent

CHEMICAL RESISTANCE

This product offers good resistance to most solvents and oils, organic and inorganic chemicals; however, it is not recommended for continuous use with gasoline or fuel oil. Swelling or degradation may occur with these and certain other hydrocarbon materials. Chemical compatibility should be tested for each application considered

TYPICAL USES:

- Adhering auto and appliance trim, including metal, fabric and fabric-backed plastics.
- Bonding gaskets in heating and refrigeration units.
- Sealing of marine cabins and windows.
- Filleting and caulking joints in sheet metal stacks, duct work, and equipment housings.
- Formed-in-place gaskets for engines, transmissions, differentials, gear boxes, compressors, pumps and all types of equipment and machinery.
- Sealing windows in oven doors and flues on gas appliances, flanged pipe joints and access doors.
- Anywhere a tight leakproof seal is required.



**CASE QUANTITY - 6 CANS
SOLD EACH**

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Aerosols

Rapid Gasket

HEAVY BODIED BLACK RTV GASKET MAKER

IBS No. 74135

One can of Rapid Gasket can eliminate the need to stock thousands of different gaskets for the various applications out there: Newer vehicles, older vehicles, metal to metal applications, plastic to metal applications, aluminum to steel, metal to alloy, stamped to cast, etc.

The main difference between this product and standard RTV products is that it is thicker and faster, allowing the user to make leak-proof gaskets and return equipment to service immediately. Formulated to meet or exceed performance standards for long-term seal-ability, durability and handling, this material is used on OEM production lines and specified in their service parts programs. Standard RTV recommends letting it set for 2 hours before torquing down on the assembly and then allowing to cure overnight, while **Rapid Gasket** can be torqued immediately.

- **Make leak-proof gaskets in just 1 minute** allowing equipment to be returned to service immediately – no need to wait for cut gaskets to be delivered or standard RTV to set up.
- **Special applicator and tip** makes applications easier putting less hand strain and giving a better bead.
- **No cutting or measuring** eliminates the chance of error – **Rapid Gasket** is simply applied and assembled – no measuring, no cutting, and no chance of error – saves time and money.
- **Is applied directly to the surface** which creates a perfect fit for Increased reliability.
- **Adheres to both surfaces** protecting against leaks and seepage caused by vibration and thermal expansion for increased dependability.
- **Longer lasting** and more reliable because Rapid Seal is an elastomeric formed-in-place rubber gasket maker that is custom fit to any shape or size for different applications making it faster, easier and at a fraction of the cost of cut gaskets.
- **Easily applied** and therefore perfect for flanges, pans and gaskets that are repeatedly removed and replaced making disassembly easier, faster and without replacing an expensive cut gasket everytime.
- **Versatile** – Can be used anywhere paper, cork, plastic or rubber cut gaskets are used.
- One can **eliminates the need to stock thousands of different gaskets** for various applications reducing inventory and carrying costs.
- **Exceptional resistance** to oil, ATF, coolant, gear oils and other fluids (Not recommended for use in contact with gasoline or head gaskets).
- **Temperature range** -40°F to 600°F continuous, 650°F intermittent.
- **Sensor-safe.**
- **Conforms to the Specifications of:**
 - GM 998-5675 998-5990
 - FORD WSE-M4 6323-A6
 - CHRYSLER GF-44A

Power Can Dispensing Instructions



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