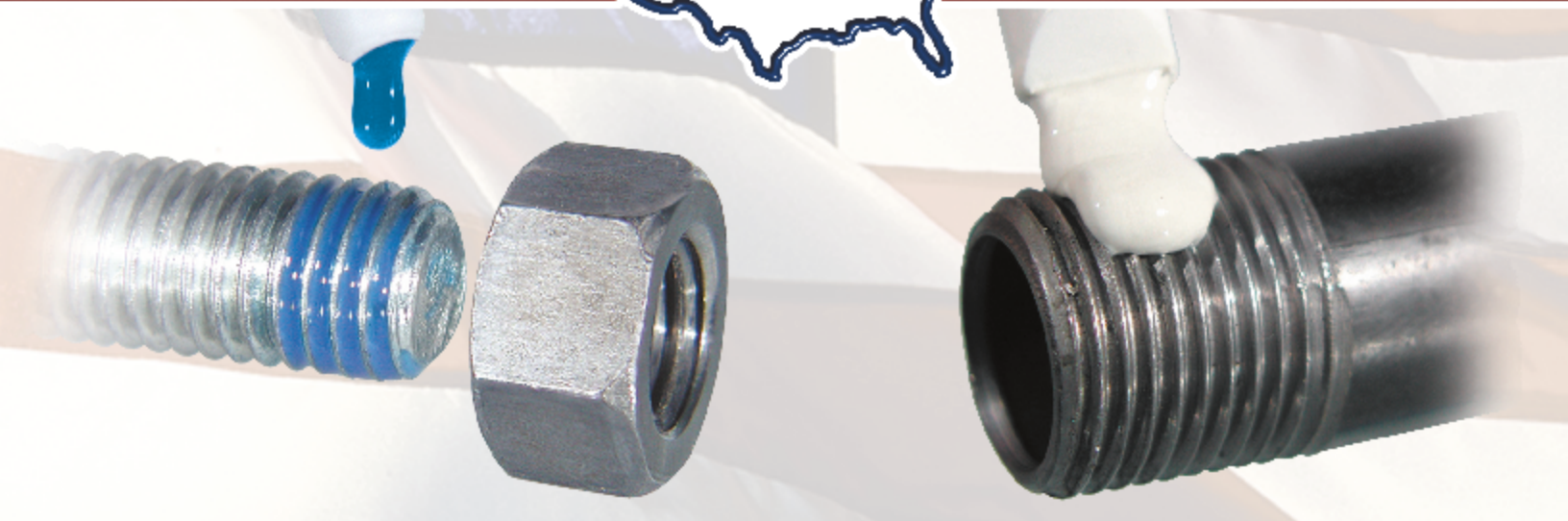


MRO Solutions L.L.C.



Solutions for Industry

We would like to introduce you to our Company – MRO Solutions.

MRO Solutions was founded in 1998 and is a Family Owned company featuring products Made in America. The first products launched were our line of specialty High-Temperature Antiseize lubricants. These products prevent seizing of threaded fasteners, and protect metal from corrosion, rust, and galling. Today we now offer over 100 products such as Adhesives, Sealants, Threadlockers, Lubricants, Cleaner/Degreasers and other MRO Aerosol products. All of our Products are High Quality, Time tested Formulations that will stand up to the rigors of the toughest conditions.

- M** = Maintenance is our #1 Target. The use of our products will keep your Machines, Pumps, Valves, and all moving parts and related equipment working at Peak Efficiency.
- R** = Repairs are a way of life in manufacturing. When equipment is in need of repair, Maintenance and Engineering Staff rely on MRO Solutions line of products for quick turn around, limiting machine down time.
- O** = O.E.M. and Operations Engineers have found Our line of Specialty Chemicals provide the Qualities necessary to be relied on in Design and Manufacturing.

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We provide you a choice for your MRO chemical products through our nationwide distributor network, offered at competitive prices, with the best terms in the industry and a focus on building a long term relationship. We continue to expand our product line to support your maintenance and operations. As our name says, our focus is on your **Maintenance, Repair & Operation** needs. Whether those needs are for lubrication, sealing, bonding, cleaning, degreasing, rust protection at low and high temperatures, we have the **Solutions** for you

MRO Solutions – your family owned source for quality American Made specialty chemical products.

We invite you to visit our website, mrosolutions.com, where you will find product information, technical information and MSDS information. We can also be reached on 877/676-2480 – and we WILL answer your call.



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SOLUTION 800 LOW FRICTION MOLY PASTE LUBRICANT

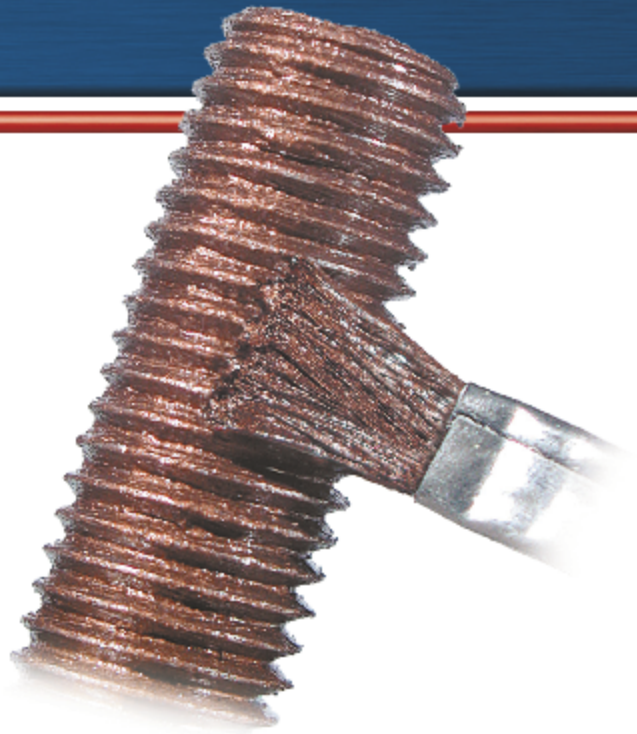
SOLUTION 800 LOW FRICTION MOLY PASTE LUBRICANT Prevents metal-to-metal contact. When used as an antiseize, protects parts from corrosion, rust, galling and seizing. Withstands temperatures to 800 ° F as a lubricant and 2400 ° F as an antiseize.

NOT FOR USE ON OXYGEN SERVICE

We recommend **Solution 800** for use on:

- Bearings, Keyways and Shafts
- Screws, Nuts, and Bolts

PART# 20102 8 OZ BRUSH TOP CAN
20106 1 LB BRUSH TOP CAN
20111 11 LB FLAT TOP CAN



SOLUTION 801 EXTREME TORQUE MOLY LUBRICANT

SOLUTION 801 EXTREME TORQUE MOLY LUBRICANT is a premium Molybdenum Disulfide lubricant paste formulated specifically for High Stress Bolting applications. **SOLUTION 801** provides a low friction coefficient which greatly reduces friction even in extreme environments. Has excellent lubricity, protects bolts and threads from corrosion, rust, galling, and seizing allowing for consistent torquing values. Withstands temperatures to 2400° as an Antiseize.

NOT FOR USE ON OXYGEN SERVICE

We recommend **Solution 801** for use on:

- High-Torque Bolting
- Press-Fits

PART# 20107 1 LB BRUSH TOP CAN
PART# 20115 15 LBS GALLON CAN

SOLUTION 1000 FOOD GRADE ANTISEIZE

SOLUTION 1000 FOOD GRADE ANTISEIZE is formulated specifically for use at food processing plants in which contact to food may occur. This product is safe for incidental food contact.

SOLUTION 1000 protects stainless steel and other alloy materials found in the food industry. Prevents seizing, galling, rust and corrosion. Lubricates stainless bolt threads while easing assembly and disassembly of metal fasteners. **SOLUTION 1000** has excellent water resistance. Material is a soft white antiseize paste and is temperature resistant to 1000 ° F. MRO Solutions 1000 Food Grade Antiseize contains only ingredients recognized by the FDA as safe for Incidental Food Contact as published in 21 CFR, Parts 170-190. Meets MIL-A-907-E.

NOT FOR USE ON OXYGEN SERVICE

We recommend **SOLUTION 1000** for use on:

- Bolts, Nuts, Screws
- Stainless Steel Hardware
- Bearings and Bushings
- Pumps and Valves
- Press-Fits and Fly Wheels
- Food Processing Equipment
- Gears

PART# 10302 8 OZ BRUSH TOP CAN
10306 1 LB BRUSH TOP CAN
10310 8 LB FLAT TOP CAN
10347 2 LB FLAT TOP CAN
10353 40 LB PAIL



ANTISEIZE & LUBRICANT PRODUCTS

SOLUTION 1800 GENERAL PURPOSE ANTISEIZE

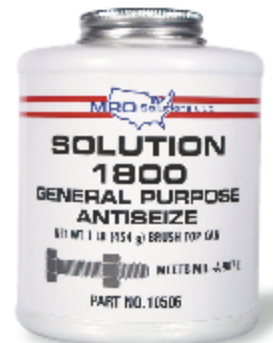
SOLUTION 1800 is a silver color general purpose antiseize formulated with copper, aluminum and graphite in a high-quality grease. **SOLUTION 1800** is an antiseize that protects parts from corrosion, rusting, galling and seizing. Eases assembly and disassembly of metals parts. Lubricates bolt threads while reducing friction and wear. Meets MIL-A-907-E.

NOT FOR USE ON OXYGEN SERVICE

We recommend **SOLUTION 1800** for use on:

- Nuts, Bolts, and Studs
- Manifolds and Heat Exchangers
- Fittings and Shafts
- Pressfits and Packings
- Flange Bolts, Pumps, and Valves

PART# 10501 4 OZ BRUSH TOP CAN
10502 8 OZ BRUSH TOP CAN
10506 1 LB BRUSH TOP CAN
10510 8 LB FLAT TOP CAN
10514 42 LB PAIL



SOLUTION 2000 PREMIUM COPPER ANTISEIZE

SOLUTION 2000 is a premium copper/graphite blend antiseize specifically formulated for high temperature applications. SOLUTION 2000 protects parts from corrosion, rust, galling and seizing. Lubricates bolt threads while easing assembly and disassembly of metal parts. For use with most metals and is non-corrosive. Will extend fastener life. Meets MIL-A-907-E. Temperature resistant to 2000 ° F.

NOT FOR USE ON OXYGEN SERVICE

We recommend **SOLUTION 2000** for use on:

- Nuts, Bolts, and Studs
- Manifolds and Heat Exchangers
- Fittings and Shafts
- Press-Fits and Packings
- Flange Bolts, Pumps, and Valves
- Marine Fasteners
- Turbines
- Dies
- Farm Equipment
- Steam Traps



PART#	10101 4 OZ BRUSH TOP CAN
	10102 8 OZ BRUSH TOP CAN
	10103 10 OZ BRUSH TOP CAN
	10104 1 LB FLAT TOP CAN
	10106 1 LB BRUSH TOP CAN
	10108 2.5 LB FLAT TOP CAN
	10110 8 LB FLAT TOP CAN
	10112 25 LB PAIL
	10114 42 LB PAIL
	10116 425 LB DRUM
	10175 12 OZ AEROSOL
	10190 2 GRAM POUCH

SOLUTION 2400 MARINE GRADE ANTISEIZE

SOLUTION 2400 MARINE GRADE ANTISEIZE is formulated for all heavy duty marine applications. Solution 2400 protects fasteners and assemblies from corrosion and rust caused by fresh and salt water, humidity, and extreme marine conditions. It has excellent resistance to water and water wash-out. Temperature-resistant to 2400F. Prevents metal-to-metal contact. Eases assembly and disassembly of metal parts while reducing friction and wear.

NOT FOR USE ON OXYGEN SERVICE

We recommend **SOLUTION 2400** for use on:

- Threaded connections
- Metal fittings, Pumps, Seals, Valves
- Winches, Engines, and Steam Traps.
- Ship Yard Maintenance, Marinas
- Waste and Water Treatment Plants.

PART#	10802 8 OZ BRUSH TOP CAN
	10806 1 LB BRUSH TOP CAN
	10810 8 LB FLAT TOP CAN



SOLUTION 2500 METAL-FREE ANTISEIZE

SOLUTION 2500 is a premium grease, calcium, and graphite blend which has been formulated for heavy duty applications. It is lead free and contains no copper or nickel, making it the preferred choice of refineries and chemical plants. SOLUTION 2500 protects parts from corrosion, rust, galling and seizing. Lubricates bolt threads while easing assembly and disassembly of metal parts, including stainless steel and soft metals. SOLUTION 2500 is non-corrosive and prevents metal to metal contact. Temperature resistant to 2500 ° F. Meets MIL-A-907-E.

NOT FOR USE ON OXYGEN SERVICE

We recommend **SOLUTION 2500** for use on:

- Applications Prohibiting the Use of Copper and Other Metals
- Special Alloy Metals Including Stainless Steel
- High-Temperature Nuts, Bolts, and Studs
- Seals, Packings, and Sleeves

PART#	10602 8 OZ BRUSH TOP CAN
	10606 1 LB BRUSH TOP CAN
	10608 2 LB FLAT TOP CAN
	10610 8 LB FLAT TOP CAN
	10612 25 LB PAIL
	10654 45 LB PAIL



SOLUTION 2600 PREMIUM NICKEL ANTISEIZE

SOLUTION 2600 is a premium nickel/graphite blend antiseize specifically formulated for extreme temperatures. This antiseize also provides excellent chemical resistance. SOLUTION 2600 protects parts from corrosion, rust, galling and seizing. Lubricates bolt threads while easing assembly and disassembly of metal parts, including stainless steel and soft metals. SOLUTION 2600 is copper and lead-free, non-corrosive and acid resistant. Meets MIL-A-907-E. Temperature resistant to 2600 ° F.

NOT FOR USE ON OXYGEN SERVICE

We recommend **SOLUTION 2600** for use on:

- Special Alloy Metals Including Stainless Steel
- Applications Involving Strong Acids
- High-Temperature Nuts, Bolts, and Studs
- Chemical Resistant Fittings
- Copper/Lead-Free Application

PART#	10202 8 OZ BRUSH TOP CAN
	10204 1 LB FLAT TOP CAN
	10206 1 LB BRUSH TOP CAN
	10210 8 LB FLAT TOP CAN
	10214 42 LB PAIL



See page 4 for competitor interchange

ANTISEIZE/LUBRICANT COMPETITOR INTERCHANGE

MRO PRODUCT NAME	MRO PART #	CONTENTS	CONTAINER	LOCTITE	ANTISEIZE TECHNOLOGY	NEVERSEEZ	JET-LUBE
SOLUTION 800 LOW FRICTION MOLY LUBRICANT	20102	8 OZ.	Brush Top Can		12012	NBBT-8	
	20106	1 LB.	Brush Top Can		12016	NSB-150	
	20111	11 LB.	Flat Top Can		12035		
SOLUTION 801 EXTREME TORQUE MOLY LUBRICANT	20107	1 LB.	Brush Top Can	51049			28003
	20115	15 LBS.	Gallon Can	51145			28023
SOLUTION 1000 FOOD GRADE ANTISEIZE - (MIL-A-907-E)	10302	8 OZ.	Brush Top Can	1167237	31008	NSWT-14	16402
	10306	1 LB.	Brush Top Can		31018, 41018		16404
	10347	2 LB.	Flat Top Can	1169241	31025, 41025		
	10353	40 LB.	Pail	1170163	31059, 41050		16415
SOLUTION 1800 GENERAL PURPOSE ANTISEIZE -(MIL-A-907-E)	10501	4 OZ.	Brush Top Can	80209	18005	NSBT-4	
	10502	8 OZ.	Brush Top Can	76732	18010	NSBT-8	69902
	10506	1 LB.	Brush Top Can	76764	18018	NSBT-16	69904
	10510	8 LB.	Flat Top Can	80206	18030	NS-168	69923
	10514	42 LB.	Pail	76775	18050	NS-42B	69916
SOLUTION 2000 PREMIUM COPPER ANTISEIZE - (MIL-A-907-E)	10101	4 OZ.	Brush Top Can	51144 (C5A)	11005	NS-160	10055, 12555
	10102	8 OZ.	Brush Top Can	51147 (C5A)	11010		10002, 12502
	10103	10 OZ.	Brush Top Can	51005 (C5A)	11010		
	10104	1 LB.	Flat Top Can	51006 (C5A)	11016		
	10106	1 LB.	Brush Top Can	51007 (C5A)	11018		10004, 12504
	10108	2.5 LB.	Flat Top Can	51008 (C5A)	11025		10007, 12507
	10110	8 LB.	Flat Top Can	51009 (C5A)	11030		10091, 12523
	10112	25 LB.	Pail	38584 (C5A)			10092
	10114	42 LB.	Pail	51011 (C5A)	11050		10093, 12524
	10116	425 LB.	Drum	51146 (C5A)			NS-425B
10175	12 OZ.	Aerosol Can	1786073 (C5A)	11014	NSA-16	10041	
10190	2 GRAMS	Pouch	51299 (C5A)				
SOLUTION 2400 MARINE GRADE ANTISEIZE -(MIL-A-907-E)	10802	8 OZ.	Brush Top Can	34395	N/A	NMBT-8	49702
	10806	1 LB.	Brush Top Can	34026	N/A	NMBT-16	49704
SOLUTION 2500 METAL FREE ANTISEIZE - REFINERY GRADE - (MIL-A-907-E)	10602	8 OZ.	Brush Top Can	51605	20010	NGSS-8 BTNF	47102
	10606	1 LB.	Brush Top Can	51606	20018	NGSS-16 BTNF	47104
	10608	2 LB.	Flat Top Can	51607	20025	NGSS-42 B	
	10654	45 LB.	Pail	51608	20050	NGSS-NF	47113
SOLUTION 2600 PREMIUM NICKEL ANTISEIZE - (MIL-A-907-E)	10202	8 OZ.	Brush Top Can	77124	35010	NSBT-8N	13602
	10204	1 LB.	Flat Top Can	51102		NSN-165	13623
	10206	1 LB.	Brush Top Can	77164	35018	NSBT-16N	13604
	10210	8 LB.	Flat Top Can	51152	35030	NSN-8	13613
	10214	42 LB.	Pail	77175	35050	NSN-42B	

Call MRO @ 1-877-676-2480 if you can't find the interchange your looking for.

ANAEROBIC THREADLOCKERS



MRO Solutions anaerobic compounds are formulated for use in thread-locking, sealing, joining, fastening and retaining applications of metal components. Unlike conventional anaerobics, MRO compounds are non-surface sensitive so they do not require use of primers for curing.

MRO Solutions anaerobics will reduce inventory costs by eliminating the need for mechanical locking devices, such as plastic inserts, lock washers, set screws, lock nuts and cotter pins. Machining and assembly costs will also be reduced. The gap filling capability of the MRO anaerobics allows for greater tolerances between parts.

Once parts are mated with MRO anaerobics, they form a unitized assembly that resists vibration. In addition, the mated parts are sealed against attack from corrosion, internal rust, seizure, solvents, gases and other chemicals.

SOLUTION 10 - MEDIUM STRENGTH BLUE THREADLOCKER

MEDIUM STRENGTH BLUE THREADLOCKER – Removable general purpose threadlocker for locking/sealing fasteners. May be disassembled with hand tools. Meets MIL-S- 46163A TYPE II GRADE N.

10 ml – PART# 40100, 50 ml – PART# 40101, 250 ml – PART# 40102,
1 liter – PART#41001, 1 gm Tube – PART# 41102.

MEDIUM STRENGTH BLUE THREADLOCKER GEL
35 ml Pump Bottle – PART# 43101.



SOLUTION 11 - HIGH STRENGTH RED THREADLOCKER

HIGH STRENGTH RED THREADLOCKER – Permanent threadlocker for locking and sealing fasteners up to 1" in diameter. Disassembly will be difficult. Meets MIL-S-46163A TYPE I GRADE K.

10 ml – PART# 40103, 50 ml – PART# 40104, 250 ml – PART# 40105,
1 liter – PART#41101, 1 gm Tube – PART# 44112.

HIGH STRENGTH RED THREADLOCKER GEL
35 ml Pump Bottle – PART# 43104.

SOLUTION 12 - HIGH STRENGTH GREEN PENETRATING THREADLOCKER

HIGH STRENGTH GREEN PENETRATING THREADLOCKER – Permanent threadlocker for locking and sealing preassembled fasteners. Also use to seal weld and casting porosity. Disassembly difficult.

Meets MIL-S-46163A TYPE III GRADE R.

10 ml – PART# 40106, 50 ml – PART# 40107, 250 ml – PART# 40108.

SOLUTION 14 - HIGH STRENGTH/ VISCOSITY RED THREADLOCKER

HIGH STRENGTH/VISCOSITY RED THREADLOCKER - Permanent threadlocker for locking and sealing fasteners greater than 1" in diameter.

Disassembly will be difficult. Meets MIL-S-46163A, Type I, Grade L.

10 ml – PART# 40112, 50 ml – PART# 40113, 250 ml – PART# 40114, 1 liter – PART#41301.

SOLUTION 15 - LOW STRENGTH PURPLE SCREWLOCKER

LOW STRENGTH PURPLE SCREWLOCKER - Removable screwlocker for locking and sealing small screws, under 1/4" in diameter. May be disassembled with hand tools. Meets MIL-S-46163A, Type II Grade M.

10ml – PART# 40115, 50ml – PART# 40116, 250ml – PART# 40117.

SOLUTION 16 - HIGH STRENGTH HIGH TEMP. RED THREADLOCKER

High Strength High Temperature Red Threadlocker - Withstands temperatures to 450 F. Permanent threadlocker for locking and sealing fasteners up to 1 1/2" in diameter. Disassembly will be difficult.

50ml – PART# 40118, 250ml – PART# 40119.

SOLUTION 17 - OIL RESISTANT BLUE THREADLOCKER

Medium Strength Oil Resistant Blue Threadlocker - For Locking and sealing fasteners up to 3/4". Formulated for improved oil tolerance and is less runny than conventional blue threadlockers. May be disassembled with hand tools.

10ml – PART# 40121, 50ml – PART# 40122, 250ml – PART# 40123.

See page 7 for Technical Data and page 8 for Anaerobic Interchange



SEALANTS & RETAINING COMPOUNDS

SOLUTION 30 PIPE SEALANT WITH TEFLON®

PIPE SEALANT WITH TEFLON – Low strength, non-migrating paste seals instantly. Forms seal for fluid and gas pressurized pipe fittings. Intended for use on tapered threads. May be disassembled with hand tools. Temperature resistant to 400° F and rated to 10,000psi.

PART# 40301 – 50ml Tube
40302 – 250ml Tube

SOLUTION 34 HYDRAULIC/PNEUMATIC SEALANT

HYDRAULIC/PNEUMATIC SEALANT – PURPLE – Low strength compound for sealing hydraulic and pneumatic systems. Compatible with gases, hydraulic fluids, oils and solvents. Prevents vibrations, high viscosity "No Drip". Works on all metal fittings.

PART# 40400 – 10 ml
40401 – 50ml
40402 – 250ml
41402 – 1liter

SOLUTION 40 FLEXIBLE FLANGE SEALANT

FLEXIBLE FLANGE SEALANT is a high performance anaerobic gasketing sealant for most metals including aluminum. Specifically formulated to resist oil and solvents and remain flexible after curing, allowing the seal to "flex with flanges." Solution 40 cures without shrinkage in the joint, creating an insoluble, resilient, vibration-proof seal that will not leak even if flanges are chipped or damaged. Provides a gap fill of .010" (.050" with primer) and has a temperature range of -65° to 300°F.

PART# 40501 – 50ml Tube
40502 – 300ml Cartridge

SOLUTION 425 PIPE SEALING PASTE WITH PTFE

PIPE SEALING PASTE is a Premium, Teflon® enhanced compound which provides superior sealing for most threaded metal or plastic pipe. SOLUTION 425 will prevent leaks and seal most common fluids and gases, including fuels, oils, water, refrigerants, steam and inert gases. Non-hardening formula will not crack, shred, or contaminate most systems. Eases assembly and disassembly of metal and plastic fittings. Seals to bursting pressure of pipe and is rated to 10,000psi Not recommended for potable water systems or for use in oxygen service. MRO Solutions 425 Pipe Sealant Paste contains only ingredients recognized by the FDA as safe for Incidental Food Contact as published in 21 CFR, Parts 170-190. packaged in easy to use brush top cans.

PART# 10701 – 4oz. BRUSH TOP CAN
10702 – 8oz. BRUSH TOP CAN
10706 – 1lb. BRUSH TOP CAN

SOLUTION 20 - BEARING RETAINING COMPOUND - LOW VISCOSITY

BEARING RETAINING COMPOUND – LOW VISCOSITY – GREEN – General purpose high strength compound for retaining bearings, bushings, collars, keys and splines. Gap filling capability to .005" allows for use of slip fits instead of press fits. Meets MIL-R-46082B TYPE I.

PART# 40200 – 10 ml
40201 – 50ml
40202 – 250ml
41401 – 1liter

SOLUTION 22 - BEARING RETAINING COMPOUND - HIGH VISCOSITY

BEARING RETAINING COMPOUND – HIGH TEMP/VISCOSITY – GREEN – High temperature, high strength compound for retaining bearings, bushings, collars and gears. Gap filling capability to .015". Resists temperatures up to 450°F (232° C).

PART# 40204 – 10 ml
40205 – 50ml
40206 – 250ml
41501 – 1 liter

SOLUTION 24 - BEARING RETAINING COMPOUND - MEDIUM VISCOSITY

BEARING RETAINING COMPOUND – MEDIUM/VISCOSITY
High strength compound for retaining bearings, bushings, collars and gears. Gap filling capability to .010". Meets MIL-R-46082B TYPE II.

PART# 40208 – 10 ml
40209 – 50ml
40210 – 250ml

See page 7 for Technical Data and page 8 for Anaerobic Interchange

ANAEROBIC TECHNICAL DATA

MRO PRODUCT NAME	MRO PART #	CONTENTS	COLOR	VISCOSITY	TEMP RANGE	FIXTURE TIME @ 72°F (MIN)	FULL STRENGTH TIME @ 72°F (HRS)	24 HOUR BREAKAWAY PREVAILING TORQUE IN/LBS	APPLICATION TYPE
SOLUTION 10 Medium Strength Threadlocker MIL-S-46163A TYPE II GRADE N	40100	10ml	BLUE	900/ 1,500	-65° F - 300° F	15-20	24	80/50	Removable
	40101	50ml							
	40102	250ml							
	41102	1gm							
SOLUTION 10 GEL Medium Strength Threadlocker Gel	43101	35ml	BLUE	40,000/ 150,000	-65° F - 300° F	15-30	24	40/60	Removable
SOLUTION 11 High Strength Threadlocker For fasteners up to 1" dia. MIL-S-46163A TYPE I GRADE K	40103	10ml	RED	400/600	-65° F - 300° F	15-20	24	240/300	Permanent
	40104	50ml							
	40105	250ml							
	44112	1gm							
SOLUTION 11 GEL High Strength Threadlocker Gel	43104	35ml	RED	1,000,000	-65° F - 300° F	15-30	24	300/350	Permanent
SOLUTION 12 High Strength Penetrating Threadlocker MIL-S-46163A TYPE III GRADE R	40106	10ml	GREEN	20/30	-65° F - 300° F	15-20	24	80/290	Wicking
	40107	50ml							
	40108	250ml							
SOLUTION 14 High Strength Threadlocker For fasteners over 1" dia. MIL-S-46163A TYPE I GRADE L	40112	10ml	RED	6,200/ 7,800	-65° F - 300° F	15-20	24	250/250	Permanent
	40113	50ml							
	40114	250ml							
SOLUTION 15 Low Strength For fasteners under 1/4" dia. MIL-S-46163A TYPE II GRADE M	40115	10ml	PURPLE	1,000/ 1,500	-65° F - 300° F	15-20	24	25/50	Screw Grade
	40116	50ml							
	40117	250ml							
SOLUTION 16 High Strength Threadlocker For Temperatures up to 450° F	40118	50ml	RED	6,000/ 12,000	-65° F - 450° F	20-30	24	210/180	Hi Temperature
	40119	250ml							
SOLUTION 17 Medium Strength Threadlocker Oil Resistant	40121	10ml	BLUE	1,500/ 3,000	-65° F - 300° F	10-15	24	120-60	Removeable
	40122	50ml							
	40123	250ml							
SOLUTION 20 Bearing Retaining Compound Low Viscosity MIL-R-46082-B TYPE I	40200	10ml	GREEN	100/150	-65° F - 300° F	15-20	24	24 hr Shear compression steel/steel 3,000 in lbs	Close Fit .001" - .005"
	40201	50ml							
	40202	250ml							
SOLUTION 22 Bearing Retaining Compound High Viscosity	40204	10ml	GREEN	6,000/ 8,000	-65° F - 450° F	45-60	24	24 hr Shear compression steel/steel 2,500 in lbs	High Temperature
	40205	50ml							
	40206	250ml							
SOLUTION 24 Bearing Retaining Compound Medium Viscosity MIL-R-46082-B TYPE II	40208	10ml	GREEN	800/ 1,750	-65° F - 300° F	10-15	24	Shear compression steel/steel 3,200 in lbs	High Strength
	40209	50ml							
	40210	250ml							
SOLUTION 30 Pipe Sealant with Teflon	40301	50ml	WHITE PASTE	350,000	-65° F - 400° F	20-30	24	35-25	Instant Seal Anaerobic sealant 10,000 PSI
	40302	250ml							
SOLUTION 34 Hydraulic/Pneumatic Sealant	40400	10ml	PURPLE	12,000/ 16,000	-65° F - 300° F	100-120	24	40-60	No Drip Gel Hydraulic Fittings
	40401	50ml							
	40402	250ml							
SOLUTION 40 Flexible Flange Sealant	40501	50ml	PURPLE	275,000/ 959,000	-65° F - 300° F	25-35	24	15-25	Resists Oil Remains Flexible Gasket
	40502	300ml							
SOLUTION 425 Pipe Sealing Paste	10701	4oz BT	WHITE THICK PASTE	Paste	-65° F - 425° F	Non Curing Instant Seal	na	na	Food Grade Seals to 10,000 PSI
	10702	8oz BT							
	10706	1lb BT							

Teflon is a registered trademark of the Dupont Company Inc.

Typical value based on 3/8 x 16" Grade 5 steel bolts & nuts

DISCLAIMER: The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. Because the information contained herein may be applied under conditions beyond our control, we assume no responsibility for its use.

ANAEROBIC COMPETITOR INTERCHANGE

MRO PRODUCT NAME	MRO PART #	CONTENTS	LOCTITE	PERMATEX	HERNON
SOLUTION 10 MEDIUM STRENGTH BLUE THREADLOCKER MIL-S-46163A TYPE II GRADE N	40100	10ml	24221	24210	342310
	40101	50ml	24231	24250	342330
	40102	250ml	24241	24225	343450
SOLUTION 11 HIGH STRENGTH RED THREADLOCKER For fasteners up to 1" diameter MIL-S-46163A TYPE I GRADE K	40103	10ml	27121	27110	342510
	40104	50ml	27131	27150	342530
	40105	250ml	27141	27125	343550
SOLUTION 12 HIGH STRENGTH GREEN PENETRATING THREADLOCKER MIL-S-46163A TYPE III GRADE R	40106	10ml	29021	29010	343110
	40107	50ml	29031	29050	343130
	40108	250ml	29041	29025	343150
SOLUTION 14 HIGH STRENGTH RED THREADLOCKER For fasteners greater than 1" diameter MIL-S-46163A TYPE I GRADE L	40112	10ml	21434	27710	
	40113	50ml	27731	27750	
	40114	250ml	27741	27725	
SOLUTION 15 LOW STRENGTH PURPLE SCREWLOCKER For fasteners under 1/4" diameter MIL-S-46163A TYPE II GRADE M	40115	10ml	22221	22210	
	40116	50ml	22231	22250	
	40117	250ml	22241	22225	
SOLUTION 16 HIGH STRENGTH RED THREADLOCKER For High Temperatures up to 450°F	40118	50ml	27240	27250	42830
	40119	250ml	27270	27225	42850
SOLUTION 17 OIL RESISTANT BLUE THREADLOCKER	40121	10ml	1329837	24310	
	40122	50ml	1329467	24350	
	40123	250ml	1329505	24325	
SOLUTION 20 BEARING RETAINING COMPOUND - LOW VISCOSITY MIL-R-46082B TYPE I	40200	10ml	60921	60910	382210
	40201	50ml	60931	60950	382230
	40202	250ml	60941	60925	382250
SOLUTION 22 BEARING RETAINING COMPOUND - HI TEMPERATURE, HIGH VISCOSITY	40204	10ml	62015	NA	
	40205	50ml	62040	62050	384230
	40206	250ml	62041	62025	384250
SOLUTION 24 BEARING RETAINING COMPOUND - MEDIUM VISCOSITY MIL-R-46082B TYPE II	40208	10ml	68015		
	40209	50ml	68035	68050	
	40210	250ml	68060	68025	
SOLUTION 30 PIPE SEALANT WITH TEFLON [®]	40301	50ml	56531	56521	392030
	40302	250ml	56541	56525	392050
SOLUTION 34 HYDRAULIC/PNEUMATIC SEALANT	40400	10ml			
	40401	50ml	54531	54550	394730
	40402	250ml	54541	54541	394750
SOLUTION 40 FLEXIBLE FLANGE SEALANT	40501	50ml	51831	51831	
	40502	300ml	51845	51845	
SOLUTION 425 PIPE SEALING PASTE	10701	4oz	30534		
	10702	8oz			
	10706	1lb B.T.	30561	80045	

See page 5 & 6 for products and descriptions



INSTANT CYANOACRYLATE ADHESIVES

MRO SOLUTIONS instant adhesives are Ethyl based cyanoacrylates for bonding similar and dissimilar materials such as metals, rubber, ceramics and wood. Features of MRO instant adhesives include excellent heat aging characteristics, moisture resistance and weatherability.

SOLUTION 1

- Fast Cure • Low Viscosity (40 CPS) • General Purpose
- Meets MIL-A-46050C TYPE II CLASS 1

SOLUTION 1 is formulated to be a fast cure, general purpose, low viscosity instant adhesive which bonds a wide range of similar and dissimilar materials. **SOLUTION 1** allows up to .004" gap fill capability and works great on metal, glass, rubber, ceramics and most plastics. Temperature range: -65°F to 180°F .33 fl. oz (10 ml) - **PART# 70101** 1 fl oz (30 ml) - **PART# 70102**, 1 lb (16 fl oz) - **PART# 70103**.
Replaces Loctite 495

SOLUTION 2

- Medium Cure • Medium Viscosity (100 CPS) • Surface Insensitive
- Meets MIL-A-46050C TYPE II CLASS 2

SOLUTION 2 is specifically formulated to be surface insensitive, medium cure, high performance, medium viscosity instant adhesive which bonds a wide range of similar and dissimilar materials. **SOLUTION 2** works on acidic and contaminated surfaces. The medium viscosity allows up to .005 gap fill capacity. **SOLUTION 2** works great on metal, wood, rubber, ceramics and most plastics. Temperature range: -65°F to 180°F .33 fl. oz (10 ml) - **PART# 70105** 1 fl oz (30 ml) - **PART# 70106**, 1 lb (16 fl oz) - **PART# 70107**.
Replaces Loctite 404, 414 & 401

SOLUTION 3

- Slow Cure • High Viscosity (1500 CPS) • Bridges Gaps To .010"
- Meets MIL-A-46050C TYPE II CLASS 3

SOLUTION 3 is specifically formulated to be a high viscosity, slow cure, general purpose instant adhesive which allows up to .010" gap fill capability. **SOLUTION 3** bonds a wide range of similar and dissimilar materials, bridges gaps and allows for work piece alignment. Consult technical data sheet for more information. **SOLUTION 3** works great on metal, glass, rubber, ceramics and most plastics. Temperature range: -65°F to 180°F .33 fl. oz (10 ml) - **PART# 70110** 1 fl oz (30 ml) - **PART# 70111**, 1 lb (16 fl oz) - **PART# 70112**.
Replaces Loctite 416 & 444

SOLUTION 4

- Fast Cure • Low Viscosity (5 CPS) • Penetrating, Wicking
- Meets MIL-A-46050C TYPE II CLASS 1

SOLUTION 4 is formulated to be a fast cure, penetrating, low viscosity instant adhesive which bonds a wide range of similar and dissimilar materials. **SOLUTION 4** allows up to .002" gap fill capability. **SOLUTION 4** works great on metal, glass, rubber, ceramics and most plastics. Temperature range: -65°F to 180°F 1 fl oz (30 ml) - **PART# 70116**, 1 lb (16 fl oz) - **PART# 70117**.
Replaces Loctite 420

SOLUTION 5

- Rubber " Toughened" Ethyl • Medium Viscosity (300 CPS)
- Bridges Gaps To .006"

SOLUTION 5 is a clear rubber toughened ethyl adhesive which provides excellent peel, impact and shear strength. **Solution 5** allows up to .006 gap fill capability and works great on metal, rubber and plastic. Temperature range: -65°F to 220°F .33 fl. oz (10 ml) - **PART# 70119** 1 fl oz (30 ml) - **PART# 70120**, 1 lb (16 fl oz) - **PART# 70121**.
Replaces Loctite 480 & 380

SOLUTION 6

SOLUTION 6 Debonder and Clean Up Agent Is used in clean-up and removal of instant cyanoacrylate adhesives 1 fl oz bottle p/h 71001
Not for sale in California.

SOLUTION 7

SOLUTION 7 INSTANT ADHESIVE GEL

SOLUTION 7 is a general purpose no drip, non sag, surface insensitive product designed for the assembly of difficult-to-bond materials. The gel consistency enables overhead and vertical application. Formulated to help bond porous materials such as wood, paper, leather and fabric. Temperature range: -65°F to 250°F
3 gm Tube - **PART# 70125**,
20 gm Tube - **PART# 70126**.
Replaces Loctite 454



See page 10 for technical information

CYANOACRYLATE TECHNICAL DATA

CYANOACRYLATES		SOLUTION 1	SOLUTION 2	SOLUTION 3	SOLUTION 4	SOLUTION 5	SOLUTION 7
LIQUID STATE	CHEMICAL TYPE	ETHYL	ETHYL HYBRID	ETHYL	ETHYL	TOUGHENED ETHYL	ETHYL GEL
	VISCOSITY RANGE, Cp	30-70	80-120	1300-1700	2-10	240-340	GEL
	SPECIFIC GRAVITY (25/4 C)	1.06	1.06	1.1	1.05	1.1	1.05
	FLASHPOINT (-COC F)	185	185	185	185	185	185
	VAPOR PRESSURE (@ 70C, mmHg)	8	8	8	8	8	8
CURED STATE	MELTING POINT (°F)	365	365	368	365	365	365
	SOFTENING POINT (°F)	307	305	301	311	308	303
	REFRACTIVE INDEX (n ₂₀ C/D +/- .03)	1.45	1.45	1.45	1.45	1.45	1.45
	HARDNESS-ROCKWELL	M75	M58	M72	M75		
	GAP FILLED, TYPICAL, INCHES	0.004	0.005	0.01	0.002	0.006	.01
	OUTGASSING@10 ⁻⁶ MM HG (72°F)	0	0	0	0	0	0
	ELONGATION (%)	<2	<2	<2	<2	<2	<2
	TENSILE STRENGTH, STEEL/STEEL ASTM D-2095 (lbs/in)	4700	4000	4000	4000	3800	3200
	IMPACT STRENGTH, STEEL/STEEL ASTM 950 (ft.-lbs/in)	7-10	3-5	4-6	3-5		
	SOLUBLE IN	ACETONE, SOLUTION 6	ACETONE, SOLUTION 6	ACETONE, SOLUTION 6	ACETONE, SOLUTION 6	ACETONE, SOLUTION 6	ACETONE, SOLUTION 6

EPOXIES

MRO SOLUTIONS Epoxy Adhesives are two-part adhesives consisting of an epoxy resin and a hardener that react to create a High Strength bond. They can be used for Metal, Wood, Ceramic, Glass, Concrete, and most Plastics. Great for filling gaps, does not shrink and is resistant to water.

SOLUTION 50 STEEL REPAIR COMPOUND

SOLUTION 50 is a hand-mixable, steel-reinforced, non-rusting epoxy putty that quickly repairs or rebuilds anything made of metal. Solution 50 can be molded into shapes or used to build up, patch and repair steel components. Sets in 3-5 minutes and after 60 minutes, can be drilled, tapped, machined, ground, filed and painted. Solution 50 is rated at a tensile strength of 900 PSI and will withstand temperatures up to 300°F.
4 oz Stick - PART# 72000.



SOLUTION 52 5 MINUTE EPOXY

SOLUTION 52 5 Minute Epoxy is a versatile, quick curing, general purpose adhesive which fills gaps and eliminates Welding and Brazing. Solution 52 is rated at a tensile strength of 1200 PSI and bonds to metal, wood, glass and most plastics.

1 oz Cartridge- PART# 73000.



SOLUTION 55 30 MINUTE EPOXY

SOLUTION 55 30 Minute Epoxy is a versatile, slow curing, general purpose adhesive which fills gaps and eliminates Welding and Brazing. Solution 55 is rated at a tensile strength of 2000 PSI and bonds to metal, wood, glass and most plastics.

1 oz Cartridge- PART# 73001.



SILICONE SEALANTS & LUBRICANTS

SOLUTION 450 RTV SILICONE SEALANT

SOLUTION 450 RTV silicone sealant is a one-part acetoxy cure sealant that cures in the presence of atmospheric moisture to produce a durable and flexible RTV silicone rubber. SOLUTION 450 is intended for a variety of general-purpose and industrial applications and retains its elastomeric properties at temperatures up to 450°F.

SOLUTION 450 RTV sealant is intended for a variety of applications including general-purpose construction and industrial applications. Due to its excellent adhesion characteristics, SOLUTION 450 can be used for sealing and adhering glass, most types of wood, clean metal, ceramic, natural and synthetic fiber and many painted and plastic surfaces in a variety of applications in industrial manufacturing and assembly.

SOLUTION 450 may be used for:

- Sealing of door and window framing, and other building components.
- Bonding gaskets in heating and refrigeration units.
- Fabricating formed-in-place gaskets for gear boxes, compressors & pumps.
- Sealing trailers, truck cabs & RV's.
- Sealing marine cabins & windows.
- Sealing and caulking joints in sheetmetal stacks, ductwork & equipment housings.

FDA-USDA, NSF 51 approved. Meets and exceeds Federal specification TT-S-0230C and TT-S-001543A (Com-NBS), ASTM C 920 Type S, MIL-A46106A Type 1

COLOR	8 oz. AEROSOL	10.3 oz CARTRIDGE
Blue	#80009	#50101
White	N/A	#50102
Black	#80049	#50103
Clear	#80069	#50104
Aluminium	N/A	#50105

SOLUTION 70 SILICONE DIELECTRIC GREASE

Solution 70 is commonly used for lubricating and preserving rubber parts, such as O-rings. Solution 70 silicone grease does not swell or soften the rubber, which can be a problem with hydrocarbon based greases. It functions well as a corrosion-inhibitor and lubricant for purposes that require a thicker lubricant. An excellent lubricant on rubber, plastic, and ceramic surfaces and has a temperature rating to 400 F.

It also provides a moisture-proof barrier that lubricates and protects electrical equipment from salt, dirt, and corrosion. High dielectric strength.

PART# 52000 – 5 oz. TUBE



SOLUTION 600 HIGH TEMPERATURE RED RTV

SOLUTION 600 HIGH TEMPERATURE RED RTV silicone sealant is a one-part acetoxy cure sealant that cures in the presence of atmospheric moisture to produce a durable and flexible RTV silicone rubber.

SOLUTION 600 provides a long-lasting flexible seal and excellent adhesion to most surfaces. SOLUTION 600 is intended for a variety of general-purpose and industrial applications and retains its elastomeric properties at temperatures up to 600°F intermittent to 650°F.

FDA-USDA approved. Meets and exceeds Federal specification TT-S-0230C and TT-S-001543A (Com-NBS), ASTM C 920 Type S, MIL-A46106A Type 1.

PART# 50201 – 10.3 fl. oz. RED

PART# 80729 – 8 fl. oz. AEROSOL CAN RED



TYPICAL PROPERTIES	RTV Silicone Sealant Solution 450	High Temperature Red RTV Solution 600
Sag or Slump	Nil	Nil
Tack-Free Time at 77°F, 50% RH	18 minutes	<1 hour
Tooling Time	7 to 10 minutes	7 to 10 minutes
Durometer Hardness, Shore A	23	25
Ultimate Tensile Strength	245 psi	245 psi
Tear Strength	25 ppi	25 ppi
Peel Strength	20 ppi	20 ppi
Curing time at 75°F	24 hours	5 to 7 days
Dynamic Joint Movement	+/- 25%	+/- 25%
Weatherability, 6000 hours weatherometer	No change	excellent

INDUSTRIAL HAND CLEANERS

SOLUTION 502 INDUSTRIAL HAND CLEANER

- All natural
- No phosphates
- Moisturizes

SOLUTION 502 INDUSTRIAL HAND CLEANER is a non-solvent formula that moisturizes hands with repeated use. Removes antiseize, grease, oil, ink, graphite, dirt and grime. Washes away completely with no greasy residue. Contains cosmetic grade walnut shells and six hand lotions. Contains 50% less water than the competition. Thick concentrated formula reduces hand soap use by up to 75%. One 2.5 liter container will give you 550 hand washes.



SOLUTION 507 INDUSTRIAL HAND & TOOL WIPES

- Waterless
- Cleans hands, tools, and other surfaces
- Moisturizes

SOLUTION 507 INDUSTRIAL HAND & TOOL WIPES loosen, dissolve and absorb dirt, grease and antiseize. Fortified with new generation cleaning agents. Uses the same moisturization lotions as Solution 502. Cleans tools and other surfaces. Formulated for the MRO-auto-contractor technician. Dual textured wipes have an abrasive side for tough jobs and a smooth side for the most delicate surfaces. Large 9"x12" heavy duty wipes. Seventy wipes in a container.



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MAINTENANCE AEROSOLS

SOLUTION 300 ULTIMATE RUST PROTECTOR

- Forms Long Lasting Waxy Film
- Maximum Rust And Corrosion
- Protection Under Extreme Conditions
- Stops Corrosion On Aluminum
- Safe On Most Metals
- Contains No Chlorinated Solvents
- Easily Removed With Solution 550

SOLUTION 300 ULTIMATE RUST PROTECTOR

is a long-term indoor/outdoor waxy film coating containing rust and corrosion inhibitors. Protects equipment from atmospheric conditions during storage and shipping.

Use as a long-term protective coating to protect all types of metals against salt, moisture, dirt and other atmospheric conditions which cause damaging rust and corrosion. Protects parts such as construction equipment, salt spreaders, snow plows, pumps, hitches, springs, hoists and most metals during shipment or storage.

PART # 30312 14 OZ CONTENTS, 20 OZ CAN



SOLUTION 400 ZINC GALVANIZING SPRAY

- Long-Term Protection Against Rust and Corrosion
 - Contains 97% Pure Zinc
 - Effective as Hot-Dip Galvanizing
 - Use as a Primer or Final Coating
 - Bonds to Ferrous and Previously Galvanized Metals
- Meets MIL-P-46105, MIL-P-21035, MIL-P-26915, DOD-P-21035A

SOLUTION 400 ZINC GALVANIZING SPRAY provides superior, long-term protection against rust and corrosion on ferrous bare metal and previously galvanized surfaces, with galvanic action equal to hot-dip galvanizing. Withstands dry heat to 750 ° F. It contains 97% pure zinc for a tough and durable coating. It works by bonding to metal and acting as a sacrificial layer, so the zinc rusts instead of the metal.

Use as a protective finish, corrosion protectant on storage tanks, offshore drilling rigs and trailers, fencing, metal roofs and gutters, springs, coils, auto and truck bodies, pipelines, exhaust stacks, doors and any metals needing protection against salt, moisture, heat and other environmental conditions. **PART # 30302 13 OZ CONTENTS, 16 OZ CAN**

SOLUTION 610 ULTIMATE SEAL COAT

- Heavy Duty Rubberized Black Under Coating
- Waterproof, Prevents Rust
- Seals Metal, Masonry, Wood, And PVC
- Smooth Paintable Finish
- Flexible, Will Not Crack

Solution 610 Ultimate Seal Coat is a flexible liquid rubber sealant that seeps into cracks and holes to seal out air and moisture. Solution 610 resists chipping and peeling and is an excellent rust and corrosion inhibitor.

Solution 610 Ultimate Seal Coat can be used to seal roofs, vent pipes, trailers, PVC pipes, Metal pies, foundations, duct work and so much more. It works Great on protecting during indoor or outdoor storage. Use as a wood preserver and tree-wound dressing.

PART # 30300 16 OZ CONTENTS, 20 OZ CAN

SOLUTION 625 BELT DRESSING

- Prevents Belt Slippage
- Eliminates Squeaks
- Extends Belt Life

Solution 625 Belt Dressing is heavy duty dressing that is formulated to prevent belt slippage and extend the life of a belt. Your motors will run more efficiently with less downtime. Solution 625 can be used on many materials such as Fabric, Rubber, Rope, and Leather.

USE ON Pulleys, Farm Machinery, Air Conditioners, Industrial Machinery, and most V-Belts, Flat Belts, Serrated Belts, and Serpentine Belts.

PART # 30200 10.5 OZ CONTENTS, 16 OZ CAN

SOLUTION 777 ALL PURPOSE SPRAY ADHESIVE

- Multi-Surface bonding
- High Shear Strength
- Fast Aggressive Tack
- Non-Chlorinated

SOLUTION 777 ALL PURPOSE SPRAY ADHESIVE is a high performance spray adhesive used for both temporary and permanent bonds. It is a versatile general purpose adhesive ideal for packaging, lightweight bonding and fabricating, labeling and shipping applications. It's non-staining formula makes it ideal for use on: wood, acrylics, paper, cardboard, fabric, felt metal and rubber.

Regulations prohibit the sale of this product in the State of California.

PART # 30350 13 OZ CONTENTS, 20 OZ CAN, Replaces 3M77





CLEANER/ DEGREASER AEROSOLS

SOLUTION 500 ULTIMATE CITRUS CLEANER

- Concentrated All-Purpose Cleaner • Environmentally Safe
- Biodegradable • Removes Dirt, Grease, Grime and Oil
- Pleasant Citrus Fragrance • Pump Spray Bottle

SOLUTION 500 ULTIMATE CITRUS CLEANER is a super concentrated industrial strength cleaner/degreaser capable of handling all your cleaning requirements. Specially formulated to be non-flammable, biodegradable, butyl-free, and environmentally safe. It is safe for use on all metals and plastics, rinses clean and leaves no residue.

Use as a cleaner/degreaser on driveways, motors, floors, machine parts, tools, vents and ovens. Can be diluted for all your light duty cleaning. Also available in one & five gallon pails.

A powerful degreaser at full-strength and diluted a versatile general purpose cleaner for floors and walls. Effective in pressure washers and steam cleaners. Used to clean all types of equipment, machinery, fork lifts, engines, wheels, tires, hoists, compressors and tools.

PART# 30102 32 oz pump spray bottle
30152 1 gallon bottle
30172 5 gallon pail
30175 55 gallon drum

SOLUTION 510 CITRUS POWER DEGEASER

- Streak Free • Penetrates Grease and Grime
- Biodegradable • Evaporates Quickly

Solution 510 Citrus Power Degreaser uses the natural power of citrus peel oil to clean, degrease, and deodorize. Even though Solution 510 is organic it possesses impressive solvent abilities. It works fast to penetrate and help remove dirt, dust, grease, grime, ink, and evaporates quickly without streaking. Solution 510 is safe on most plastics and will not leave a sticky residue.

Regulations prohibit the sale of this product in the States of California, Colorado, Maryland, New Hampshire, Rhode Island, Utah, Delaware and Connecticut.

PART# 30112 15 OZ CONTENTS , 20 OZ CAN

SOLUTION 515 GLASS CLEANER

- Smear Free • Streak Free • Foaming, Penetrating Formula

Solution 515 Industrial Glass and Multi-Surface Cleaner is a fast-acting foam that penetrates and removes dirt, fingerprints, bugs, grease, and grime. It doesn't streak or smear and has a pleasant clean scent that users will appreciate. Will not scratch or harm glass, plastics, or painted surfaces.

PART# 30103 19 OZ CONTENTS, 20 OZ CAN

NEW!!

SOLUTION 520 CONTACT CLEANER

- ECONOMICAL FORMULATION
- FAST EVAPORATING
- NO RESIDUE
- SAFE ON MOST PLASTICS

SOLUTION 520 CONTACT CLEANER is a precision cleaning product that prevents corrosion by displacing moisture. Helps prevent electrical malfunctions caused by water, humidity, and condensation. Solution 520 is formulated for applications where lower flash point and higher evaporating solvents may be used. It is non-staining and non corrosive.

PART # 30101 13.5 OZ CONTENTS, 20 OZ CAN

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SOLUTION 525 CONTACT CLEANER

- Cleans and Degreases • Removes Flux, Dirt, Oil and Other Contaminants • Quick-Drying with No Residue • Safe On Most Plastics
- Non-Conductive • Non-Corrosive • No Flashpoint • Non-Flammable

SOLUTION 525 CONTACT CLEANER is a high purity, fast acting, versatile cleaner for electronic equipment and components. Formulated to evaporate quickly and completely, leaving no residue and improves connections and performance.

PART# 30104 10 OZ CONTENTS, 16 OZ CAN

SOLUTION 540 SUPER SOLVENT DEGREASER

- Non-Flammable • Quick Drying • Leaves No Residue
- High Dielectric Strength Of 30kv

SOLUTION 540 SUPER SOLVENT DEGREASER is a non-flammable degreaser that removes dirt, grease, oil, ink, adhesive, tar, and many other tough stains and messes.

Clean electrical parts and motors, brakes, switches, control panels, tools and machinery. Electrical motors can be cleaned while in use under properly ventilated conditions. VOC Compliant. Not for use on plastics.

Regulations prohibit the sale of this product in the State of California.

PART #30105 20 OZ CONTENTS, 20 OZ CAN

SOLUTION 550 HEAVY DUTY DEGREASER

- Penetrates and Cleans • No CFC's or Chlorinated Solvents • Prepares Metals for Painting • Dissolves Grime and Grease • Leaves No Residue

SOLUTION 550 HEAVY DUTY DEGREASER keeps engines, farm and construction equipment and industrial machinery clean and grease-free. Soaks in and emulsifies oil, grease and other contaminants, allowing parts and equipment to be easily rinsed off.

Use to clean air compressors, conveyors, fork lifts, hand trucks, engine parts, auto and truck engines, diesel and gas engines, various types of farm equipment and industrial machinery. Also useful in cleaning tools.

Regulations prohibit the sale of this product in the State of California.

PART# 30106 14 OZ CONTENTS, 20 OZ CAN

NEW!!

SOLUTION 560 DEGREASER & BRAKE PARTS CLEANER

- NON CHLORINATED, HEXANE FREE
- REMOVES DIRT, GREASE, BRAKE FLUID AND GRIME FROM CRITICAL BRAKE COMPONENTS
- HIGH PRESSURE SPRAY
- INSTANT EVAPORATION

SOLUTION 560 DEGREASER & BRAKE PARTS CLEANER flushes away contaminants with a high pressure spray without disassembling the brakes. Low V.O.C. formula evaporates instantly. Solution 560 quickly dissolves brake fluid, grease, and oil.

Regulations prohibit the sale of this product in the states of California and parts of Utah and states that have adopted 2014 OTC model rule.

PART #30109 14 OZ CONTENTS, 20 OZ CAN

SOLUTION 575 BRAKE PARTS CLEANER

- Non-Flammable • Evaporates Quickly and Completely • Helps Degrease and Remove Brake Fluid, Loose Rust and Other Contaminants From Brake Linings and Other Brake Parts

SOLUTION 575 BRAKE PARTS CLEANER helps clean and remove contaminants from brake parts. Does not require disassembly of the brake unit. Is a quick-drying formula that does not leave a residue.

Use to clean brake parts (disc and drum brakes, brake linings, cylinders, drums and springs), clutches, CV joints, tools and wheel bearing assemblies.

Regulations prohibit the sale of this product in the states of California and New Jersey.

PART# 30108 18.5 OZ CONTENTS, 20 OZ CAN





LUBRICANT AEROSOLS

SOLUTION 100 6-WAY LUBRICANT

- Protects Against Rust and Corrosion • Stops Squeaks • Lubricates
- Penetrates • Displaces Moisture

SOLUTION 100 6-WAY LUBRICANT is a heavy duty, multi-purpose formula with thousands of uses. It keeps parts working while reducing friction and wear. Its fast-acting formula attacks dirt, rust and corrosion, freeing frozen and rusted parts. 6-WAY lubricant provides superior protection against moisture, salt and all kinds of environments. It leaves a long-lasting oil film that reduces friction, stops squeaks and forms a rust-proof barrier on metal surfaces. 6-WAY delivers a precise spray that penetrates through the smallest cracks.

Use to help loosen threaded connections, fasteners, pins, pipe couplings, machine parts, bolts and pipe fittings. Lubricates tight fitting parts such as hinges, locks, cranks, tools, chain drives and power tools. **PART # 30306 11 OZ CONTENTS, 16 OZ CAN**

SOLUTION 200 PENETRATING OIL

- Fast-Acting Penetration • Penetrates Rust and Scale
- Displaces Moisture • Superior Lubrication

SOLUTION 200 PENETRATING OIL is a fast acting formula that attacks rust and corrosion. Quickly frees frozen parts, loosens dirt, corrosion, scale, and other binding elements. SOLUTION 200 lubricates parts while reducing friction to keep them working longer.

Frees screws, nuts, bolts and other metal parts that have been frozen due to rust, scale, corrosion, paint, varnish, gum or carbon. Loosens screws, nuts, joints, studs, fasteners, pins, pipe couplings, machine parts, bolts and pipe fittings. Lubricates tight fitting parts such as hinges, locks, cranks, tools, chain drives, locking mechanisms, carburetor linkages, power tools, casters, etc.

Regulations prohibit the sale of this product in the State of California.
PART # 30304 19 OZ CONTENTS, 20 OZ CAN

SOLUTION 750 DRY MOLY LUBRICANT

- Superior High-Pressure Properties • High Lubricity • Quick-Drying
- Excellent Adhesion • Temperature Resistant To 750 °F

SOLUTION 750 DRY MOLY LUBRICANT forms a quick-drying moly film that provides long wearing lubrication and protection that withstands extreme pressures and temperatures. Formulated to adhere to most substrates and is ideal for use in high-pressure environments.

Use for break-in lubrication and high-pressure applications. Ideal in preventing the seizing of threaded connections and sliding parts. Typically used on pistons, gaskets, pump assemblies, lock mechanisms, sliding doors, threaded connections, press fits, taps, pins, keyways oven chains and cables, oven dollies, hinges, etc.

Regulations prohibit the sale of this product in the State of California.
PART # 30310 14 OZ CONTENTS, 16 OZ CAN

SOLUTION 850 DRY GRAPHITE LUBRICANT

- High Lubricity • Quick-Drying • Excellent Adhesion
- Temperature Resistant to 850 °F • Extreme Pressure

SOLUTION 850 DRY GRAPHITE LUBRICANT forms a quick-drying film that provides long wearing lubrication and protection from extreme pressures and temperatures. It requires little to no surface preparation and adheres to most substrates.

Use anywhere a dry lubricant is essential: machinery, winches, chains, locks, trunks, lawn mowers, tools, conveyor parts, drawers, doors, hinges, snow blowers, flat springs, mechanisms (vending machines, parking meters), tracks, instruments, oven parts, wire rope, window slides, die casting machines, pre-assembly operations, etc.

PART# 30314 12 OZ CONTENTS, 16 OZ CAN

SOLUTION 900 FOOD GRADE SILICONE LUBRICANT

- Eliminates Sticking, Binding and Squeaking • Lubricates Metal, Wood, Rubber, Glass, Chrome and Plastic • Non-Staining • Protects Metal Parts Against Rust and Corrosion

SOLUTION 900 SILICONE SPRAY LUBRICANT eliminates sticking, binding and squeaking on hinges, locks, chains, rubber weather stripping, garage door rollers and other moving parts. Formulated to be colorless, odorless and non-staining, while providing excellent lubricity. **This product is safe for incidental food contact.**

Use to lubricate and protect metal, wood, rubber, glass, chrome, plastic parts, rubber weather stripping (used on doors, windows, etc.), hinges, locks, ignition systems (waterproofing), snow shovels and sled runners (to prevent snow from sticking). **MRO Solutions 900 Silicone Lubricant contains only ingredients recognized by the FDA as safe for Incidental Food Contact as published in 21 CFR, Parts 170-190.**
PART # 30318 11 OZ CONTENTS, 20 OZ CAN

SOLUTION 925 CHAIN AND CABLE LUBRICANT

- Provides Maximum Protection • Corrosion Inhibitor • Penetrant • Lubricates

SOLUTION 925 CHAIN AND CABLE LUBRICANT is a film lubricant containing moly and graphite to provide maximum lubrication and protection. It seeps into the tightest areas where the greatest stress occurs. Protects equipment against dust, dirt and water migration that often increases friction and leads to failure. Formulated to cling and continues working long after the initial application. Solution 925 eliminates the cause of corrosion by forcing water out of assemblies and provides long-lasting protection against saltwater immersion and atmospheric moisture.

Use on chains, cables, wire ropes and sprockets.
PART# 30320 16 OZ CONTENTS, 20 OZ CAN

SOLUTION 950 OPEN GEAR LUBRICANT

- Protects • Lubricates • Displaces Water • Maximum Adhesion • Weatherproof Formula

SOLUTION 950 OPEN GEAR LUBE penetrates into gears and cables, keeping a uniform consistency to provide maximum protection. Formulated to perform in high and low temperatures, as well as high-pressure environments. Solution 950 leaves a long lasting film that forms a rust-protective coating on metal surfaces.

Use on open and exposed gears, cables, power winches, and industrial equipment. **PART# 30322 12 OZ CONTENTS, 16 OZ CAN**

SOLUTION 975 WHITE LITHIUM GREASE

- Water-Resistant • Protects Against Friction • White Color Permits Easy Visual Inspection • Provides High Quality Lubrication • Temperature Resistant to 360 ° F

SOLUTION 975 WHITE LITHIUM GREASE is a multi-purpose, all weather lubricant with a wide range of industrial applications. Formulated with a water-resistant grease that contains rust and oxidation inhibitors that protect metal. Stops squeaks, sticking and wearing of metals and plastics. Can be used anywhere a non-soiling lubricant is needed. Its white color permits easy visual inspection, allowing quick identification of treated areas.

Use to reduce friction and mechanical sticking of bearings, gears, cables, industrial and construction equipment, machines, and hand tools.
PART# 30324 13.5 OZ CONTENTS, 20 OZ CAN



SOLUTION 2000 PREMIUM COPPER ANTISEIZE

- Protects Against Seizing And Galling • Temperature Resistant To 2000 ° F • Prevents Rust And Corrosion • Eases Assembly And Disassembly of Metal Parts • Lubricates • Meets MIL-A-907-E

SOLUTION 2000 PREMIUM COPPER ANTISEIZE combines a high concentration of copper with a premium grade aluminum complex grease and graphite for superior anti-seizing qualities. Its spray pattern is smooth and precise. Temperature resistant to 2000 ° F. Lubricates and protects most metals from corrosion and rust.

Use on castings, extruding and forming dies, drill collars, chains, wheel lugs, gear reducers, blowers, fans, battery posts, threaded connections, metal fittings, packings, sleeves, valves, manifolds, compressors, bushings and machinery. Many applications exist in paper mills, power plants, steel mills, textile plants, refineries, sewage plants, breweries, assembly plants and factories.

PART# 10175 12 OZ CONTENTS, 16 OZ CAN



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As our name implies, we do more than just sell chemicals.

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and customer satisfaction, your source for...

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Provide solutions to the MRO Industry through quality products offered with competitive prices and flexible programs. Preserve in the industry the small company philosophy and values of listening to customers and building long term partnerships.



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