

HQ SHOP MATERIAL SAFETY DATA SHEETS

Part Number	Manufacturer	Effective Date
<u>EL-319-1 Slow Hardener</u>	Cass Polymers	7/3/07
<u>2LRE2</u>	Saint Gobain Performance	9/26/06
<u>73X BLACK</u>	Independent Ink Inc.	4/28/15
<u>73 X RECONDITIONER</u>	Independent Ink Inc.	6/1/15
<u>73X RED</u>	Independent Ink Inc.	3/22/10
<u>73X WHITE</u>	Independent Ink Inc.	3/4/15
<u>3M BRAND SILICONE LUBRICANT</u>	3M Center	11/25/97
<u>3M SCOTCH BRITE HAND PADS</u>	3M	10/11/04
<u>271 HIGH STRENGTH THREADLOCKER</u>	Loctite	1/27/99
<u>ACETONE</u>	Shell Company	12/13/02
<u>ALL FULLER OBRIEN COATINGS</u>	The Obrien Corporation	8/1/00
<u>ALL ROBBJACK TUNGSTEN CARBIDE</u>	Robb Jack Corporation	4/11/00
<u>ALL SANDVIK TUNGSTEN CARBIDE</u>	Sandvick Coromont Company	7/1/98
<u>ALLOY LEADED STEEL</u>	Metal Goods Service Centers	9/14/93
<u>ALUMINUM ALLOYS</u>	TW Metals Inc.	1/29/04
<u>ALUMINUM ALLOYS WITH LOW BERYLLIUM</u>	ALCOA	12/4/03
<u>AMMONIUM HYDROXIDE</u>	VWR Scientific	3/22/00
<u>AMMONIUM FLUOBORATE</u>	Spectrum	3/16/09
<u>ANTISEPTIC SPRAY</u>	ARI	2001
<u>ARGON</u>	Liquid Air Corporation	10/1/85
<u>ARMORSEAL 1000 HS EPOXY (PART A) HAZE</u>	Sherwin-Williams Company	04/05/10
<u>ARMORSEAL 1000 HS EPOXY (PART B)</u>	Sherwin-Williams Company	04/05/10
<u>ARROW 76</u>	Chem Arrow Corporation	2/15/90
<u>ARTIC FLU-5</u>	Faren Industrie Chimiche Spa	10/6/08
<u>AZ31 MAGNESIUM</u>	TW Metals Inc	1/29/04
<u>BARE FILLER METAL ER308L ER309L ER316L</u>	US FORGE / MSC	3/1/98
<u>BATTERY ACID</u>	Chloride Incorporated	1/24/86
<u>BEAR TEX ABRASIVE</u>	Bear Tex Abrasive Product	10/24/01
<u>BERYLLIUM COPPER</u>	Brush Wellman Incorporated	12/1/90
<u>BEARING AND SHAFT GREEN OIL PRESS FIT</u>	Palm Labs	9/1/11
<u>BEARING AND SHAFT GREEN OIL SLIP FIT</u>	Palm Labs	9/1/11
<u>BERYLLIUM COPPER ALLOY</u>	ALCOA	12/4/03
<u>BLENDED SOAP</u>	Dickler Chemical Laboratories	7/12/93
<u>BLUE GOOP</u>	Swagelok Company	9/1/97
<u>BOELUBE 70200</u>	The Orelube Corporation	3/30/05
<u>BOELUBE</u>	The Orelube Corporation	3/8/97
<u>BRASS AND COPPER ALLOYS</u>	TW Metals Inc	1/29/04
<u>BRASS</u>	Erico Fastening Systems	12/15/85
<u>BRAZE 505</u>	Lucas-Milhaupt	3/5/15
<u>BRAZING FLUX</u>	Lucas-Milhaupt	6/14/13
<u>BROWN ELECTROFUSED AL OXIDE</u>	Dee Blast	
<u>BUTYRATE CLEAR</u>	Randolph Products Company	1/2/98
<u>BUFF and BLEND GP</u>	Standard Abrasives	10/25/12
<u>C4-CM1-CG5 REFRACTORY METAL CARBIDE</u>	Circle Machine	2/1/00
<u>CAMENTED CARBIDE PRODUCT</u>	Severance Tool Industries, Inc	1/98

<u>CARBIDE GRADES TOOLS</u>	Fullerton Tool Company	4/24/96
<u>CARBIDE DRILLS</u>	OSG Tap & Die	4/1/93
<u>CARBON ALLOY TOOL STEELS</u>	TW Metals Inc.	1/29/04
<u>CARBON STEEL ALLOY</u>	Copper and Brass Sales Inc.	1/1/96
<u>CARBON STEEL HR CR</u>	Metal Goods Service Centers	9/4/93
<u>CEMENTED TUNGSTEN CARBIDE ND IGH-SPEED STEEL CUTTING TOOLS</u>	Craig Tools Inc.	11/1/98
<u>CHROME PLATED STEEL</u>	Marmon / Keystone Corporation	1/1/98
<u>CLEVELAND STEEL CUTTING TOOLS</u>	Cleveland Twist Drill	2/1/00
<u>COATED ABRASIVE</u>	Norton	5/30/02
<u>COOL TOOL</u>	Monroe Fluid Technology	7/12/00
<u>COOLLUBE 2210</u>	Unist	6/11/12
<u>COPPER ALLOYS</u>	Copper and Brass Sales Inc.	2/1/96
<u>CRYSTAL SIMPLE GREEN</u>	Sunshine Makers Inc.	1/11/14
<u>CS4055 F3 AND F16 FINISH</u>	Hexcel	3/1/04
<u>CUT MAX 570</u>	Houghton International	3/31/97
<u>DEBURR GRINDER GREASE</u>	Chicago Manufacturing and Distrib.	March 2005
<u>DENATURED ALCOHOL</u>	W.M. Barr	4/15/13
<u>DIAMOND or CUBIC BORON NITRIDE GRINDING WHEEL</u>	Norton	2/25/02
<u>DOW 557 SILICONE LUBRICANT</u>	Dow Corning Corporation	11/2/00
<u>DS 99K</u>	Dip Seal Plastics, INC.	09/01/08
<u>DT 082</u>	Vanti Inc.	6/27/01
<u>E-761/E-76LT EPOXY FIBERGLASS PREPREG</u>	Park Aerospace Technologies	12/5/13
<u>ELECTRIC MOTOR CONTACT CLEANER</u>	Radiator Specialty Company	3/4/88
<u>EPOXY BONDED ABRASIVE PRODUCTS</u>	Norton	2/25/02
<u>ES218 HARDENER</u>	Adtech Plastics Systems	4/18/01
<u>ES-218 RESIN</u>	Adtech Plastics Systems	4/18/01
<u>EYESALINE SOLUTION</u>	Fendall Company	1/22/96
<u>EYE WASH</u>	Bausch & Lomb Eye Wash	11/19/02
<u>F3 F16 FIBERGLASS HEXCEL</u>	Hexcel	9/1/99
<u>FASTWELD 10 HARDENER</u>	Huntsman	10/22/11
<u>FASTWELD 10 RESIN</u>	Huntsman	10/21/11
<u>FIBERFRAX CERAMIC FIBER</u>	Unifrax Corporation	2/12/15
<u>FIBERFRAX DURABOARD LD</u>	Unifrax Corporation	3/16/98
<u>FIBERFRAX FIBERSIL CLOTH</u>	Unifrax Corporation	3/16/98
<u>FIBERFRAX YARN</u>	Unifrax Corporation	3/16/98
<u>FIBRAFRAX DUROBLANKET</u>	Unifrax Corporation	3/16/98
<u>FOAM 300</u>	Cache Valley Chemicals	7/28/94
<u>FORMKOTE T 50 PFKT50</u>	Everlube Products	5/16/16
<u>GALVANIZED SHEET</u>	Maas-Hansen Steel Corporation	5/27/86
<u>GAS METAL WELDING</u>	Hobart Welding Products	7/1/91
<u>GD 800</u>	Cooper Industries	3/4/88
<u>GENERAL PURPOSE VISCOSITY STANDARD-PETROLEUM OIL</u>	Cannon Instrument Company	10/15/05
<u>GLASS CLEANER PLUS</u>	Bestway Products Company	3/4/88
<u>GLOSS COAT FLOOR FINISH</u>	National Sanitary Supply Co.	11/9/89
<u>HD 927 MS</u>	Ingersoll-Rand Company	3/22/95
<u>HD MOTOR OIL</u>	Phillips 66 Company	10/1/85
<u>HEAD CLEANER</u>	Chemtronics Inc.	1/30/97
<u>HEAVY DUTY SANI FRESH CLEANSER</u>	National Sanitary Supply	12/1/92
<u>HERCULES CLOBBER</u>	Hercules Chemical Company, Inc.	10/18/07

<u>HEXFORCE</u>	Hexcel	5/1/15
<u>HI POWER DEGREASER</u>	Essential Industries, Inc.	1/1/05
<u>HOUSEHOLD AMMONIA</u>	Bestway Products Company	5/1/72
<u>HYDRO SEAL</u>	Radiator Specialty Company	3/4/88
<u>ISOPROPYL RUBBING ALCOHOL</u>	Hydrox Laboratories	04/10/07
<u>KILLCIDE 700</u>	ITW Fluid Products	2/16/98
<u>KLEAN STRIP DENATURED ALCOHOL</u>	W.M. Barr	4/13/15
<u>KOOL MIST FORMULA</u>	Kool Mist Corp.	3/4/98
<u>L-101/3 , L-530, L-730</u>	Cytec	7/16/14
<u>LAVOPTIK EYE WASH</u>	Lavoptik Company	2/10/92
<u>LEAD SHEET</u>	SMC	7/1/92
<u>LECOSET 7000 POWDER</u>	LECO Corporation	3/1/95
<u>LINCOLNWELD L56</u>	Lincolnweld	7/20/95
<u>LOCTITE RETAINING COMPOUND</u>	Loctite Corporation	6/30/99
<u>LOW FOAM ALL PURPOSE CLEANER, ENVIRO CARE</u>	Rochester Midland Corporation	7/15/09
<u>LUBRIPLATE 630 SERIES</u>	Lubriplate	1/1/93
<u>LUSIN PROTECT G 31</u>	Chem Trend Limited Partnership	8/8/05
<u>MAGNESIUM ALLOYS</u>	Copper and Brass Sales	2/1/96
<u>MAGNUS A OIL</u>	Phillips 66 Company	10/1/85
<u>MEDIQUE ANTISEPTIC SPRAY</u>	Medique Products	9/1/94
<u>METHANOL</u>	Van Waters and Rogers Inc.	5/31/96
<u>MICARTA</u>	Copper and Brass Sales	2/1/96
<u>MICRO 100 SUPER CARBIDE</u>	Micro 100, Inc.	6/1/86
<u>MICROLITE POWERED HAND CLEANER</u>	National Sanitary Supply	1/31/90
<u>MINERAL SPIRITS</u>	Petro Source Refining Corp	2/6/97
<u>MOBIL DTE OIL LIGHT</u>	MOBIL	1/1/95
<u>MOBIL SHC 630</u>	Exxon Mobil	1/13/09
<u>MOBILMET GAMMA 665521-00</u>	MOBIL	1/1/00
<u>MOBILMET OMEGA</u>	ExxonMobil	
<u>MOBILMET 763</u>	ExxonMobil	9/5/07
<u>MOBILMET 766</u>	ExxonMobil	9/5/07
<u>MR225 187X26</u>	Valspar Corp.	4/5/05
<u>MREGAL DEBURR PAD</u>	3M	1/11/95
<u>MREGALITE ABRASIVE</u>	3M	1/22/98
<u>MREGALITE DEBURR PAD</u>	3M	1/22/98
<u>MT850</u>	3M	2/27/97
<u>NATIONAL FLOOR SWEEP</u>	National Sanitary Supply	7/15/94
<u>NATIONAL NO BASE SWEEP</u>	National Sanitary Supply	6/6/95
<u>NICKEL ALLOYS</u>	TW Metals	1/29/04
<u>NICKEL BASED ALLOYS STEEL</u>	Metal Goods Service Centers	1/18/94
<u>NYE DELICATE OIL</u>	William F. Nye, Inc.	5/8/87
<u>OHIO WELD FASTENERS</u>	Fastener Industries, Inc.	1/22/86
<u>OMS</u>	EXXON Chemical Co.	9/11/97
<u>ONE COAT HIGH SOLIDS SCRUBBLE</u>	National Sanitary Supply	5/4/90
<u>P7205</u>	Independent Ink Inc.	5/8/05
<u>P7302</u>	Tectyl 891D Class I	2/26/15
<u>P7703</u>	68 Red	5/29/15
<u>PH3016</u>	PTM & W Industries	2/22/97
<u>PHILKOOL SOLUBLE OIL</u>	Phillips 66 Company	6/30/93
<u>PHILUBE ALL PURPOSE GEAR OIL</u>	Phillips 66 Company	10/1/85
<u>PINE O LINE DEODORANT</u>	Unisource Worldwide, Inc.	2/4/99
<u>PLASTILEASE 512B 87 95</u>	Lilly-Gardena	4/24/00
<u>POLYPENCO NYLON 101 101HS</u>	The Polymer Corporation	9/30/92

<u>PR2114</u>	PTM & W Industries	2/10/97
<u>PRELUBE #6</u>	Grignard Company, Inc.	1/1/90
<u>PROPANE</u>	DIX-O-GAS	3/4/88
<u>PROTECT DISINFECTANT SPRAY</u>	PACT Products	10/27/92
<u>QUICK SET ADHESIVE 404</u>	Loctite Corporation	11/1/85
<u>R-2374 A</u>	Silpak, Inc	1/14/13
<u>R-2374 B</u>	Silpak, Inc	1/14/13
<u>REAL LEMON POLISH</u>	National Sanitary Supply	8/22/90
<u>REGAL DEBURR PAD</u>	3M	3/2/95
<u>RELEASE AGENT</u>	Huntsman	2/20/04
<u>REN PATCH R 5168 HARDENER</u>	Vantico	1/4/01
<u>REN PATCH R 5168 RESIN</u>	Vantico	1/4/01
<u>REN SHAPE R 5168</u>	Vantico	5/9/01
<u>REN WELD 5168 HARDENER</u>	Ciba	4/7/99
<u>REN WELD 5168 RESIN</u>	Ciba	6/25/99
<u>RENLAM 1710</u>	Huntsman	2/2/04
<u>RENLEASE 78-2</u>	Huntsman	9/20/04
<u>RENLEASE 803</u>	Huntsman	5/18/04
<u>RESIN BONDED ABRASIVE PRODUCTS</u>	Norton	2/25/02
<u>REN 1126</u>	Huntsman	10/11/04
<u>RENGEL 1126</u>	Huntsman	12/13/04
<u>RP 1710 HARDENER</u>	Ciba	3/6/00
<u>RP 1710 RESIN</u>	Ciba	3/6/00
<u>RP 3215 2 HARDENER</u>	Ciba	11/25/97
<u>RP 3215 2 RESIN</u>	Ciba	6/12/98
<u>RP 6443 HARDENER</u>	Ciba	9/1/98
<u>RP 6443 RESIN</u>	Ciba	9/1/98
<u>RP 6470 HARDENER</u>	Vanti	5/7/01
<u>RP 6470 RESIN</u>	Vanti	10/18/00
<u>RUBBER BONDED ABRASIVE PRODUCTS</u>	Norton	2/25/02
<u>RUBBER BONDED ABRASIVE</u>	Norton	2/15/02
<u>RUST INHIBITOR</u>	Auto Tech.	10/22/04
<u>SANI SWEEP</u>	Pine Mountain Corporation	7/15/86
<u>SH-32</u>	SUMMIT	8/30/06
<u>SHELLAC BONDED ABRASIVE PRODUCTS</u>	Norton	2/25/02
<u>SIGHT SAVER</u>	Bausch & Lomb	2/7/90
<u>SILICONE SEALANT</u>	GE Silicones	10/18/90
<u>SMART CUT</u>	Smart Cut	1/11/97
<u>SODIUM FLUOROBORATE 98%</u>	Pfaltz & Bauer	1/26/10
<u>SOFT LEAD ALLOYS</u>	Vulcan Lead Inc.	02/00/99
<u>SOUNDCLEAR</u>	Sonotech, Inc.	04/07
<u>SPIN BRITE</u>	National Sanitary Supply	8/15/90
<u>SPRAY CLEANER</u>	Thatcher Company	8/4/94
<u>SS 25</u>	National Chemsearch	6/26/86
<u>STAINLESS STEEL GRADES</u>	TW Metals	1/29/04
<u>STAINLESS STEEL</u>	Earle M. Jorgensen	11/21/85
<u>STEEL BODIES</u>	Rock River Tool, Inc.	12/1/88
<u>STINGER</u>	National Sanitary Supply	8/15/90
<u>SUMP SHINE</u>	Chemetall	3/16/16
<u>SUPER BOND 430 ADHESIVE</u>	Loctite Corporation	2/24/98
<u>SYNTHETIC 5503</u>	GoldenWest Lubricants, Inc.	8/14/06
<u>SYNTILO 9913</u>	GoldenWest Lubricants, Inc	1/15/98
<u>TECH COOL 35052CF</u>	Chemetall	3/17/17

<u>TEFLON THREAD SEAL TAPE</u>	ANTI-SEIZE Technology	2/5/96
<u>TEXO KLEEN 1704</u>	TEXO Corporation	7/29/94
<u>TITANIUM ALLOYS CP</u>	TW Metals	1/29/04
<u>TITANIUM AND ALLOYS</u>	Metal Goods Service Center	9/14/93
<u>TITANIUM AND TITANIUM ALLOYS</u>	Titanium Industries, INC.	08/10/06
<u>TKO 19</u>	Kurt J. Lesker Company	8/3/98
<u>UCONN QUENCHANT A</u>	The Dow Chemical Company	5/11/10
<u>TURBO BOND</u>	Palm Labs	9/7/11
<u>TURBO FUSE</u>	Palm Labs	9/1/11
<u>ULTRAMARINE BLUE CHAULK</u>	Ferro Corporation	7/27/95
<u>VALCOOL AEROTECH HD</u>	Valenite	3/28/99
<u>VC 50 CUTTING OIL</u>	LECO Corporation	6/1/94
<u>VESPEL</u>	Dupont	5/28/99
<u>VETROTEX FIBERGLASS</u>	Vetrotex CerTainteed	12/20/95
<u>VF 77T</u>	Vibra Finish Co.	4/1/96
<u>VF 100</u>	Vibra Finish Co.	1/26/93
<u>VITRIFIED BONDED ABRASIVE PRODUCTS</u>	Norton	2/15/02
<u>VL 100</u>	US Filter	3/10/98
<u>VLR 120</u>	VL/Rampe Finishing Equipment	8/18/97
<u>WATERLESS HAND CLEANER</u>	Bestway Products Company	5/1/72
<u>WATERLESS SANI FRESH CLEANSER</u>	National Sanitary Supply	12/1/92
<u>WATERLESS SANI FRESH CLEANSER W GRIT</u>	National Sanitary Supply	12/1/92
<u>WD 40 BULK</u>	WD-40 Company	5/1/83
<u>WD 40 SPRAY</u>	WD-40 Company	4/1/86
<u>WELDING CONSUMABLES</u>	Universal Wire Works Inc.	
<u>WHITNEY MILLING CUTTERS</u>	Whitney Tool Co.	11/1/92
<u>WROUGHT ALUMINUM PRODUCTS</u>	ALCOA	02/21/07