

LUBRICANTS



White Lithium Grease

White, lithium soap base grease lubricant that provides superior lubrication and reduces friction and wear to a minimum. Suitable for use on wiping contacts. It retains consistency over a wide range of temperatures, will not oxidize or harden and provides outstanding protection against corrosion.

Part No. 19-2302 1 3/4 fl. oz. Tube



Luberex

Superior calcium stearate base grease compound for general use in industry, the shop or at home. Provides excellent lubrication for bearings, appliances, hand tools, bicycles and other sporting equipment including fishing reels and guns; also for business machines, instruments and automotive lubrication. Excellent dielectric properties.

Part No. 10-1206 2 fl. oz. Tube

USEFUL CHEMICAL SPECIFICATION MATRIX

Adhesives Specifications

MEK = Methyl Ethyl Ketone

Part No.	MSDS #	Description	Pkg. Contents	Base	Color	HMIS Flammability Rating	Temp °F	Curing/ Drying Time	Suggested Solvent	Shelf Life Months*	Dot Shipping
10-114 19-822	110	Quik Stik	(2)-1/2 fl. oz. 0.0105 oz. 30 cc.	Bisphenol-A (Resin) Mod. Epoxy	Clear	1	-40 to 194°F	20-30 mins	Acetone/ MEK	12	UN3082 Hazard Class 9
10-100	106	Epoxy Super Glue	Pkg. (2), 3/4 fl.oz	Bisphenol-A (Resin) Polyamide Blend (Hardener)	Clear/Amber	1	-40 to 302°F	Hard 24 hrs	MEK, Acetone or Chlorinated Solvent	12	UN3082 Hazard Class 9
10-347	133	Epoxy Glue	Pkg. (2), 2 fl. oz	Bisphenol-A (Resin) Polyamide Blend (Hardener)	Gray	1	-40 to 300°F	Hard 24 hrs	MEK, Acetone or Organic Solvent	36	UN3082 Hazard Class 9
19-2092	117	Conductive Epoxy	6 gram kit 0.2116 oz	Silver Epoxy filled	Silver	1	N/A	24-72 Hrs @77 F 1 Hr. @ 140 F	N/A	12	UN3082 Hazard Class 9
19-348	124	Epoxy Putty	4 oz. 113.4 gm Tube	Epoxy Resin	Gray	1	300°F	20 min.	None	36	Not Regulated
19-115	215	GR-R-RIP	.101 fl. oz	Ethyl Cyanoacrylate	Clear	2	-76 to 185°F	15 to 60 secs.	Acetone	12	Not Regulated
10-120	51	GC Super Glue	.075 fl. oz	Ethyl Cyanoacrylate	Clear	2	-65 to 180°F	15 to 60 secs.	10-312 or lacquer thinner	12	Not Regulated
10-4302-B	322	GC Bond	2 fl. oz	Synthetic Thermoplastic Resin	Tan	3	N/A	20 to 30 mins.	MEK	12	ORM-D
10-302 10-310	146	Service Cement	2 fl. oz 1 gal.	Nitrocellulose Lacquer	Clear/ Lt. Straw	3	N/A	20 to 30 mins.	10-312 or Lacquer Thinner	36	ORM-D
10-354	287	Rubber-to-Metal Cement II	2 fl. oz	Phenolic Resin	Black	3	N/A	N/A	Acetone	36	ORM-D
10-4002	122	Acrylic Cement	2 fl. oz	Acrylic Resin	Clear	3	N/A	8 to 10 mins.	MEK	36	ORM-D
10-5802	110	Vinyl Cement	2 fl. oz	Vinyl Resin	Clear	3	N/A	25 mins	Acetone	36	ORM-D

Lubricants Specifications

Part No.	MSDS #	Description	Contents	Base	Color	HMIS Flammability Rating	Specific Gravity	Viscosity	Useful Temp. Range	Shelf Life Months*	DOT Shipping
19-2302	147	White Lithium Grease	1-3/4 fl. oz.	Lithium Soap Grease	Off-White	1	0.924	6.6 CST at 100°C	-35°C to +77°C (-30°F to +170°F)	36	ORM-D
10-1206	213	Lubrex	2 fl. oz.	Calcium Sterate Grease	Brown	1	0.910	290-325 at 100°F	-35°C to +77°C (-30°F to +170°F)	36	Not Regulated
10-2610	219	Tunerlub	1-3/4 fl. oz.	Petrolatum	Milky White	1	0.860	5x3 CP at 210°F	-35°C to +77°C (-30°F to +170°F)	36	Not Regulated
10-1223	221	Phonolube	2 fl. oz.	Mineral Oil	Semi-Transparent Tan	1	0.900	750 SUS at 38°C	-35°C to +77°C (-30°F to +170°F)	24	Not Regulated
19-026	280	Conductive Grease Compound	1 oz.	Lithium Soap Grease w/ Zinc & Graphite Filler	Gray/Black	1	1.100	100 SUS at 100°F	-23°C to +163°C (-10°F to +325°F)	36**	ORM-D
10-985	288	Reach-All Pen Oiler	1/2 fl. oz.	Hydrocarbons	Lt. Brown	1	0.930	115 SUS @ 100 F	-25 to +150 F	36	Not Regulated
19-601	302	Sili-Spray	4 oz. aerosol	Hydrocarbon Polysiloxane	Clear Amber	3	0.750		-40°C to +85°C (-40°F to +185°F)	24	ORM-D
19-810	180	Dry TFE	4 oz. aerosol	Hexane	White Opaque	4	0.740			60	ORM-D

*Note: Shelf Life is determined by the Date Of Manufacture (DOM) located on the product. If a product has a shelf life of 12 months, a closed container is good for one year past the DOM.

**No shelf life if stored above 32°F.

For the latest information—www.gcelectronics.com

All quantities are single; BU's are packages of 10 Unless otherwise noted.



Sili-Spray

Quality silicone lubricant. Handy aerosol features adjustable 3-way valve. Dispenses lubricating film either light, medium, or heavy according to need. Leaves no residue buildup. Ideal for home, office, workshop, hinges, slides, and other moving parts on automobiles, boats, appliances, toys and drawers (wooden types). May be painted over.

Part No. 19-601 4 oz. Aerosol

PRODUCT SPECIFICATIONS SHEET

CAT NO. PRODUCT NAME

~~19-810~~ ~~GC Dry TFE Film Lubricant~~

Discontinued

DESCRIPTION:

GC Dry TFE Film Lubricant is a multi-purpose, TFE-based, dry film lubricant that penetrates and bonds to metal, wood, rubber, plastic and most surfaces. The lubricating, micro-thin film features an ultra-low coefficient of friction that prevents sticking and wear. It is ideal for sliding mechanisms and light load lubrication in dusty environments. **GC Dry TFE** repels dirt, dust and oil to maintain cleaner operating conditions and will not run pool or contaminate in-process materials.

APPLICATIONS:

Recommended for use as a lubricant on hinges, locks, catches, pulleys, conveyors, machine parts, chutes and slides, coin mechanisms, window guides, drawers, rollers, control buttons, switches and electrical wires and harnesses.

FEATURES AND BENEFITS:

- **Bonds to Most Surfaces.** Penetrates and bonds to metal, wood, rubber, plastic and most surfaces.
- **Micro-Thin Film.** Lubricates and prevents sticking, reducing friction and wear.
- **Resists Dirt, Dust and Oil Build-Up.** Ideal for dirty environments.
- **Fast Drying.** Allows in-process parts to be handled quickly.
- **Ultra-Low Coefficient of Friction.** Ideal for sliding mechanisms and light load lubrication.

PHYSICAL PROPERTIES WITHOUT PROPELLANT:

Flash Point	ND
Odor	SOLVENT
Appearance	Hazy, White Liquid
Vapor Density	>air
VOC Content	77%
Sara Title III, Sect. 313 Chemicals	Yes
Prop 65	Yes
Propellant	Hydrocarbon

PERFORMANCE CHARACTERISTICS:

Type of Film	Micro-thin and dry
Film Thickness	0.05 – 0.1 mils

DIRECTIONS:

- Shake can well before use.
- Do not apply GC Dry TFE to hot surfaces.
- Clean and dry surface area thoroughly.
- Spray in light, even coats to areas requiring lubrication.
- Hold can 8-10 inches from surface.
- Re-**apply** as needed to maintain performance.
- **Do not apply while equipment is energized.**

DISPOSAL:

Disposal requirements vary by state and local jurisdiction. All used and unused product should be disposed of in conformance with local, state and federal regulations.

SPECIAL USE WARNINGS:

Aerosol Cans

Do not puncture, incinerate or store above 120°F. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

General

Use only in well-ventilated area. Ventilation may be improved by opening a window or door or providing mechanical assistance. Avoid continuous breathing of vapor and spray mist. Avoid contact with skin and eyes. If ventilation is not adequate, respiratory protection should be worn. For more information regarding short term and long term exposure, review this product's Material Safety Data Sheet.

AVAILABILITY:

- 4 ounce Aerosol

SHELF LIFE:

- 60 Month Shelf Life

Note: This information is believed to be accurate. GC Dry TFE Film Lubricant is intended for professional use by individuals possessing the skill necessary to evaluate this data. GC Electronics does not guarantee the accuracy of this data and assumes no liability for damages incurred while using it.