

General Pump Packing Lubricant



General Packing Lubricant is a grease-like material containing an inert silica filler in combination with selected polydimethyl silicone fluids. It is effective as a packing installation lubricant, highly water repellent, resistant to oxidation, essentially non-toxic and non-melting, and shows little tendency to dry out in service. It will retain its room temperature consistency at temperatures from -40°F to 400°F. Practically non-volatile, it is odorless and is resistant to a wide range of chemicals.

General Packing Lubricant can be applied by brushing or wiping. Clean up with mineral spirits.

General Packing Lubricant should not be applied to any surface which will be painted or finished. Such coatings may not adhere to the silicone-treated surfaces. If contaminated by a silicone coating, parts can be wiped or washed with solvent or detergent.

General Packing Lubricant is insoluble in water, methanol, ethanol, or mineral oil, and soluble in Chlorothene SM, perchloroethylene, mineral spirits and methyl ethyl ketone.

General Packing Lubricant is not greatly affected by mineral oils, vegetable oils or air. It is greatly resistant to dilute acids and alkalines and to most aqueous solutions.

General Packing Lubricant may cause slight temporary discomfort if accidentally rubbed into the eyes. It is essentially non-irritating to the skin.

SPECIFICATIONS

Part Number	Grease Tube, 12 oz.	100278
	Grease Tube, 3 oz.	100264
	Grease Gun Kit: gun and 3 oz. tube	100256
Storage and Shelf Life		18 months
Color		White, translucent
Consistency		Light
Bleed, 24 hrs/392 ⁰ F		10% Max
Evaporation, 24 hrs/352 ⁰ F		5.0% Max
Service Temperature Range o ⁰ F		-40 to 400
Melting Point		None
Specific Gravity	at 77 ⁰ F	1.0



General Pump
is a member of
the Interpump Group

Ref 300055 Rev C
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Material Safety Data Sheet

General Packing Lubricant

SECTION I - GENERAL INFORMATION

Proper Shipping Name: None
D.O.T Hazard Name: None
D.O.T. ID No: None
D.Q.T. Hazard Class: None
RCRA Hazard Class: None
E.P.A. Priority Pollutants: None
NFPA=National Fire Protection Association - 704
Health (NFPA): 1 Flammability (NFPA): 1 Reactivity (NFPA): 1
CAS No.: Mixture
General Description: Silicone

SECTION II - HAZARDOUS INGREDIENTS AS DEFINED IN 29 CFR 1910.1200

CAS NO. INGREDIENT WT.% EXPOSURE LIMITS
007631869 Silica, Amorphous (Wt. % = 8) OSHA PEL: TWA 6 MG/M3
ACGIH TLV; TWA 10 MG/M3 TOTAL DUST

SECTION III - EFFECTS OF OVEREXPOSURE

EYE: Direct contact may cause temporary discomfort with mild redness similar to windburn.

SKIN: A single prolonged exposure (24 to 48 hours) causes no known adverse effect.

INHALATION: No irritation to eyes and respiratory passages. No injury is likely from relatively short exposure of less than 8 hours.

ORAL: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

COMMENTS: No injury from silica dusts should occur during reasonable use. If use crates respirable particles some respiratory system injury may occur. These products as with any chemicals, may enhance allergic conditions in certain people. We do not know of any medical conditions that might be aggravated by exposure to this product.

SECTION IV - EMERGENCY AND FIRST AID PROCEDURES

EYES: Immediately flush with water.

SKIN: Wipe off and flush with water

INHALATION: No first aid should be needed.

ORAL: No first aid should be needed.

SECTION V - FIRE AND EXPLOSION DATA

Flash Point: Closed cup above 200 DEG F/93C

Autoignition: Not determined

Flammability limits in Air: Lower and Upper: Not determined

Extinguishing Media: Water, water fog, CO2, dry chemical, foam.

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards: None known.

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SECTION IV - PHYSICAL DATA

Boiling Point: Not applicable
Specific Gravity (at 77°F): 1.1
Melting Point: Not applicable
Vapor Pressure (at 77°F): .5%
Percent Volatile by Weight: .5%
Evaporation Rate: Not applicable
Solubility in Water: <0.1%
Odor, Appearance, Color: Very little odor, paste-like, with some color

SECTION VII - REACTIVITY DATA

Stability: Stable

Incompatibility (material to avoid): Oxidizing material can cause a reaction.

Conditions to Avoid: Not applicable

Hazardous Decomposition Products: Silicon dioxide, carbon dioxide, and traces of incompletely burned carbon products.

Hazardous Polymerization: Will not occur

Conditions to Avoid: Not applicable

SECTION VIII - SPILL, LEAK, MAINTENANCE/REPAIR AND DISPOSAL PROCEDURES

Steps to be Taken in Case Material is Released or Spilled: Remove product and use absorbant material to take care of any oil-like residues.

Protective Equipment

EYES: Use proper protection, safety glasses as a minimum.

SKIN: Washing at mealtime and end of shift is adequate.

INHALATION: No respiratory protection should be needed.

VENTILATION: Local Exhaust: None should be needed.
Mechanical (general): Recommended

SUITABLE RESPIRATOR: None should be needed.

NOTE: These precautions are for room temperature handling. Use at elevated temperatures, or aerosol/spray applications may require added precautions.

SECTION IX - ROUTINE HANDLING PRECAUTIONS

Protective Equipment

EYES: Use proper protection, safety glasses as a minimum

SKIN: Washing at mealtime and end of shift is adequate.

INHALATION: No respiratory protection should be needed.

VENTILATION: Local Exhaust: None should be needed.
Mechanical (general): Recommended

SUITABLE RESPIRATOR: None should be needed.

NOTE: These precautions are for room temperature handling. Use at elevated temperatures, or aerosol/spray applications may require added precautions.

SECTION X - SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing: Use reasonable care and caution.

Other Precautions: None known.