

Product Description

Chem-8 is an engineered silicone lubricant and non-hardening thread sealant. It is recommended where sophisticated chemicals are packaged or where corrosion is a problem. Chem-8 makes assembly or disassembly easier.

Features

- Hydrocarbon free
- High-vacuum grease (torr 10-6 to lubricate O-rings or seal threads in vacuum systems)
- Stays in place due to an extremely high film strength
- Effective up to 300°F
- Non-toxic
- Chemically inert



Benefits

- Works particularly well as a thread sealant for high-pressure gases (except fluorine and oxygen)
- Ideal pipe joint sealer for aqueous systems like water systems, steam lines, and acids (except HF and alkali)
- Great lubricant where corrosion or rusting is a problem.
- Fire resistant
- Waterproof
- Resistant to autoclave washout
- Aluminum against aluminum surfaces

Applications

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|-------------------------------------|--|---|
| ▪ Aerospace | ▪ High vapor pressure applications | ▪ Vacuum systems |
| ▪ Agriculture | ▪ Industrial | ▪ Water and steam systems *It is not recommended for alkali, fluorine, or HF environments. |
| ▪ Autoclaved mechanical instruments | ▪ Instrument threads | |
| ▪ Automotive | ▪ Use where sophisticated chemicals are packaged | |
| ▪ Food Processing Facilities | | |

For use in **non-oxygen compatible** applications.

Health and Safety

Chem-8 is a very safe, solvent-free product. Not classified as hazardous according to OSHA 29 CFR 1910.1200 and WHMIS. Not hazardous under the consumer product safety regulations. Avoid contact with the eyes. Wash hands with soap and water after use. In case of eye contact: flush with water. Get medical attention if irritation persists. If swallowed, call a poison center or doctor for advice. See Safety Data Sheet for additional information.

Storage, Shipping and Handling

Always keep the unused product in the original container, tightly closed. Store in a cool, dry ventilated area. Avoid freezing and excessive heat during storage and shipping. DOT-classified as non-hazardous, can be shipped by air with no shipping restrictions. See Safety Data Sheet for additional information.

Specifications and Approvals

Test	Rating
Appearance	Gel
Texture	Paste: smooth, free of lumps
Color/Odor	White/no odor

How to Apply

- Clean the male and female threads of any dirt or oil.
- Starting one to two threads back from the end of the male fitting, use your finger to liberally apply Chem-8 to fill the threads.
- Fit and torque the male and female pieces together. Hand tighten or use standard pipe tools to torque.
- Wipe off excess sealant.
- Be careful not to over-tighten fittings, especially plastic, pvc, or cast iron, as the fittings may crack.
- For re-application, wipe surfaces with lint-free cloth. Acetone wipe as needed. Okay to re-apply over existing Chem-8.

Packaging

Part No.	Size	Container	Case Quantity
9200001	25 g jar (net wt .88 oz)	Jar	12
9200356	140 g Mini Grease Cartridge (net wt 3 oz)	Cartridge	24
9200009	113 g jar (net wt 4 oz)	Jar	12
9200003	340 g EFD/Nordson Plunger (net wt 12 oz)	Nordson Tube	12
9200011	453 g jar (net wt 1 lb)	Jar	12

