



MATERIAL SAFETY DATA SHEET

VAC GOOP®

January 2000

1. PRODUCT IDENTIFICATION

VAC GOOP®: Antiseize thread lubricant

Manufactured by:
Swagelok Company
29500 Solon Road
Solon, Ohio USA 44139
Tel: (440) 248-4600
Fax: (440) 349-5970

Emergency Contact:
Chemtrec (800) 424-9300

2. INGREDIENTS

Table with 4 columns: Ingredients, CAS #, WT%, PEL. Rows include Fluorosilicone, Polytetrafluoroethylene, and Hydrophobic Silica.

3. HEALTH HAZARD INFORMATION

- European Community Danger Group: None
Special Hazards for man or environment: None
LD50/LC50 Not Available

Routes of Entry

Table with 5 columns: Skin Contact, Skin Absorption, Eye Contact, Inhalation, Ingestion. Values: No, No, Yes, Yes, Yes.

4. FIRST AID MEASURES

- If inhaled (Overexposure): If person is affected by fumes, remove person to fresh air. Seek medical attention.
After contact with skin (Overexposure): Wash thoroughly with soap and water. If severe irritation develops, seek medical attention.
After contact with eyes: Rinse thoroughly with water for 15 minutes, seek medical attention. Do not rub eyes.
If swallowed: Seek medical attention.
Medical information: Inhaling decomposition products can cause temporary influenza-like symptoms which are described as "polymer fume fever". Symptoms include fever, cough, and malaise.



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5. FIRE FIGHTING MEASURES

- Suitable extinguishing agents: Carbon dioxide, foam, agent suitable for environment.
- Not suitable for safety reasons: None known.
- Special dangers caused by substance or preparation itself, by combustion products or gases formed: May produce carbon monoxide and carbon dioxide. May give off trifluoropropionaldehyde, hydrogen fluoride, and perfluorohydrocarbons above 300°F/149°C.
- Additional information: None.

Autoignition	UEL	LEL	Sensitivities
Not Applicable	Not Available	Not Available	Not Available

6. ACCIDENTAL RELEASE MEASURES

- Measures for protection of people: Eye and hand protection as needed to minimize excessive exposure.
- Measures for protection of the environment: None required.
- Cleaning measures: Use absorbent material and suitable cleaner.
- Additional information: None.

7. HANDLING AND STORAGE

- Safety information: None.
- Information on protection from fire or explosion: May give off trifluoropropionaldehyde, hydrogen fluoride, and perfluorohydrocarbons above 300°F/149°C.
- Additional information: Store in a cool, dry place for optimal product performance.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Precautionary measures to protect employees: None required.
- Respiratory protection: None required.
- Hand protection: Rubber gloves are recommended to minimize exposure.
- Eye protection: Safety glasses or goggles are recommended to minimize exposure.
- Skin protection: Wash hands after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Opaque-White	Odor Neutral	pH Not Applicable	Density 1.45 gm/cm ³	Vapor Pressure Not Available
Boiling Point Not Available	Melting Point Not Available	Flash Point >250°F/121°C	Flammability Not Applicable	Explosive Not Applicable



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10. STABILITY AND REACTIVITY

- Conditions to avoid: May give off hazardous fumes at 300°F/149°C.
- Materials to avoid: Oxidizing agents such as oxygen, chlorine, fluorine.
- Hazardous decomposition products: See Sections 4 and 5.

11. TOXICOLOGICAL INFORMATION

- Acute toxic properties: None known.
- Health effects: See Sections 4 and 5.
- Additional health effects: None known.

Sensitization	Teratogenicity	Reproductive Toxicity	Mutagenicity	Synergistic Products	Carcinogenicity
Not Available	Not Available	Not Available	Not Available	Not Available	Listed ingredients are not suspected carcinogens according to NTP, IARC, and OSHA

12. ECOLOGICAL INFORMATION

- Mobility: Paste-like viscosity.
- Degradability: Not established.
- Accumulation: No known adverse bioaccumulation or biomagnification effects .
- Short/Long term effects on ecotoxicity: No known ecological effects.

13. DISPOSAL CONSIDERATIONS

- Appropriate methods of disposal: Unused product not considered a hazardous waste in the United States. Dispose of in a responsible manner.
- European Community (EC) considerations: Use appropriate waste codes based on ingredients.

14. TRANSPORT INFORMATION

- Transport precautions: Consult applicable regulations when transporting this product.
- Additional information: None.

