

89990: Forum Metal Free Safety Data Sheet



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or mixture

Product Name: Forum Metal Free
Product Code: 89990
Product Use: Thread compound, lubricant
Supplier: Forum Energy Technologies
10344 Sam Houston Park Drive, Suite 300
Houston, TX 77064
Tel: 713-351-7900
www.f-e-t.com

Emergency telephone number: +1 813 248 0585, 24 hours

E-mail address for questions regarding this SDS: sharons@socousa.com

2. HAZARDS IDENTIFICATION

GHS Classification

Not classified according to GHS.

GHS Label Elements

Symbol(s)

None

Signal Word

None

Hazard Statements

None

Precautionary Statements

None

Other hazards which do not result in classification

High pressure injection under skin is a medical emergency.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Nonhazardous grease with mineral fillers.

4. FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Get medical attention if symptoms occur. No symptoms expected.

89990: Forum Metal Free

Safety Data Sheet



- Ingestion:** Wash out mouth with water. Do not induce vomiting. Get medical attention if nausea or stomach pains occur.
- Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur. High pressure injection under skin is a medical emergency.
- Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists.

5. FIRE-FIGHTING MEASURES

- Suitable media:** Use dry chemical, CO₂, water spray (fog) or foam.
- Not suitable:** Do not use water jet.
- Combustion products:** Carbon monoxide, carbon dioxide, products of incomplete hydrocarbon combustion.
- Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Wear appropriate personal protection equipment (see section 8).
- Environmental precautions:** Recover free product. If small amount, clean residue with soap and water. Otherwise use suitable oil adsorbent. Dispose of material in accordance with all regulations. Keep product out of sewers and watercourses. Advise authorities if large amounts of product enters waterways or extensive land areas.

7. HANDLING AND STORAGE

- Handling:** Wear appropriate personal protection equipment (see section 8). Do not eat, drink or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices.
- Storage:** Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 65°C, away from strong oxidizers and acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering controls:** Use with adequate ventilation.
- Eye/face protection:** Safety glasses. Ensure eye bath is to hand.
- Hand protection:** Protective gloves if prolonged or repeated contact is unavoidable.
- Skin protection:** No additional protection required beyond normal industrial attire is required.
- Respiratory protection:** No special measures required.

89990: Forum Metal Free Safety Data Sheet



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor:	Black semi-solid, mild odor
pH:	Not applicable, insoluble in water
Flash point:	>200°C (Cleveland open cup)
Evaporation rate:	No data
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Vapor pressure:	No data
Vapor density:	No data
Relative density:	1.3
Solubility:	Insoluble in water, soluble in alcohols and petroleum distillates
Viscosity:	cone penetration 310-340

10. STABILITY AND REACTIVITY

Chemical stability:	Stable
Conditions to avoid:	Extreme heat
Incompatible materials:	Strong oxidizers
Hazardous decomposition products:	Harmful or flammable vapors may be produced

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Low acute toxicity
Irritation:	May cause mild redness and discomfort on contact with eyes
Corrosivity:	Not corrosive
Sensitization:	Not a sensitizer
Repeated dose toxicity:	Repeated exposure may cause drying of skin from loss of skin oils
Carcinogenicity:	Not a carcinogen
Mutagenicity:	Not mutagenic
Reproductive toxicity:	No reproductive toxicity

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not considered dangerous for the environment.
Persistence/degradability:	Not readily biodegradable. Inherently biodegradable.
Mobility:	Sinks in water.

13. DISPOSAL CONSIDERATIONS

Waste disposal:	Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of non-recyclable material via licensed waste disposal operator. Follow all applicable regulations.
------------------------	--

89990: Forum Metal Free Safety Data Sheet



14. TRANSPORT INFORMATION

Transport information: This product is not regulated for transport by USDOT, ADR/RID, IMDG, IATA/ICAO.

15. REGULATORY INFORMATION

US Regulations

No ingredient in this product is listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4)

State Regulations

California Prop 65: No ingredient listed.

Massachusetts Spill: No ingredient listed.

New Jersey Hazardous Substances: No ingredient listed.

Pennsylvania RTK Hazardous Substances: No ingredient listed.

United States inventory (TSCA): All ingredients listed or exempt.

International regulations

Canada: WHMIS Classification: Not controlled. **WHMIS:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. **Canada Domestic Substances List:** All ingredients listed or exempt.

Europe inventory (EINECS): All ingredients listed or exempt.

Australia inventory (AICS): All ingredients listed or exempt.

China inventory (IECSC): All ingredients listed or exempt.

Japan inventory: All ingredients listed or exempt.

Korea inventory: All ingredients listed or exempt.

New Zealand Inventory of Chemicals (NZIoC): All ingredients listed or exempt.

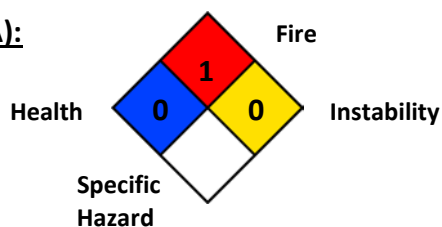
Philippines inventory (PICCS): All ingredients listed or exempt.

16. OTHER INFORMATION

Hazardous Material Information System (USA):

HEALTH	0
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	B

National Fire Protection Association (USA):



89990: Forum Metal Free Safety Data Sheet



Revision information: Original GHS issue.

END OF SAFETY DATA SHEET