

# MATERIAL SAFETY DATA SHEET

## STARtec THREAD SEALING COMPOUND

### I. 24-HOUR EMERGENCY CONTACT INFORMATION

CHEM-TEL United States.....800-255-3924  
 International.....813-248-0585

### II. HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Component Identification	CASRN	OSHA PEL	ACGIH TLV	% (by weight)
Petroleum Oil	64741964/64742570	Oil mist	NA	60-100
Non-Hazardous	82980549/7620771	UN	UN	30-60
	7782425/12003382			
	14807966/9002840			

**Chemical Family:** Petroleum based lubricating grease

**Use:** Tubing, casing and libe pipe sealant.

**Product Description**.....STARtec Thread Sealing Compound

### III. PHYSICAL / CHEMICAL CHARACTERISTICS

Physical Form.....Grainy, Semisolid paste  
 Color.....Black  
 Odor.....Pungent  
 pH.....Neutral  
 Boiling Range/Point °F(°C).....>525 (274)  
 Melting Point °F(°C).....>450 (232)  
 Flash Point (COC)°F(°C).....>430 (221)  
 Autoignition Temp.°F(°C).....>500 (260)  
 Explosive Properties.....LEL: 0.9% UEL: 7%  
 Evaporation Rate (Butyl Acetate).....<0.01  
 Partition Coefficient (Log Pow).....Not Applicable  
 Vapor Pressure (kPa).....<0.01  
 Percent Volatile.....Nil  
 Density (g/cm<sub>3</sub>).....1.21  
 Flammability.....Not Flammable at ambient temperature  
 OAR Value.....Not Applicable  
 Oxidizing Properties.....None  
 Water Solubility.....Nil  
 Vapor Density.....>5

### IV. FIRE and EXPLOSION HAZARDS

Protective Equipment for firefighting.....Self-contained breathing apparatus  
 Unsuitable Extinguishing Media.....Water Jet  
 Extinguishing Media.....Dry Powder, Halon®, Water, CO<sub>2</sub>, Sand, Earth & Water Mist

Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons, fluorinated gases, and oxides of Carbon, sulfur & nitrogen. Residue mainly comprised of soot & mineral oxides.

### V. REACTIVITY DATA

Stability.....Chemically stable under normal conditions. No photoreactive agents  
 Conditions to Avoid.....Powerful sources of ignition & Extreme temps  
 Materials to Avoid.....Strong inorganic & organic acids, oxidizing agents

**VI. HEALTH HAZARD DATA**

Potential Health Effects:

Inhalation.....Viscous nature may block breathing  
Skin.....Possible rash for persons with hypersensitivity  
Ingestion.....May cause diarrhea  
Eyes.....May cause irritation

Emergency and First Aid Procedures:

*Inhalation:* Clear air passage. If respiratory difficulty continues, seek medical attention.  
*Skin Contact:* Gently wash all affected skin areas thoroughly with water soap and water. Contaminated clothing should be dry cleaned before reuse.  
*Eye Contact:* Flush With water until residual material is gone. If irritation persists, seek immediate medical attention.  
*Ingestion:* Wash out mouth immediately. Consult physician.

HMIS Ratings.....Health (1) – Flammability (1) – Reactivity (1)

**VII. PRECAUTIONS FOR SAFE HANDLING and USE**

Personal Precautions: Wear gloves & protective overalls.

Environmental Precautions: Do not allow it to enter drains.

Spillage: Scrape up bulk, and then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

Handling: No special handling precautions necessary.

Storage: Do not store at elevated temperatures.

**IX. REGULATORY INFORMATION (Not meant to be all-inclusive)**

California Prop 65: N/A

Carcinogen: NTP: No

IARC: No

OSHA: No

EC Class (67/548/EEC): No

Allergens: None known.

LC-50: 1.98g/lit - (Mysidopsis Bahia) based on assessment from related products.

LD-50: N/A

Possible Effects: In extreme cases, may generate oil fractions that could act as a marine pollutant, but is highly unlikely.

Behavior: Relatively well behaved. Bioaccumulation potential nil.

Environmental Fate: Highly unlikely to cause widespread contamination.

Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice.

Container Disposal: Pails without liner–see Product Disposal section above. Pails with plastic liner–pail may only be disposed of via standard waste disposal services, recycled or reused. Liner–see Product Disposal section above.  
Not classified as hazardous for transport.

D.O.T.: Nonhazardous

UN No.: N/A

Air Transport (ICAO & IATA): N/A

Sea Transport (IMO & IMDG): N/A

Road & Rail Transport (ADR/RID): N/A

Labeling Information: None needed

EC Annex 1 Classification: N/A

R Phrases: R22—harmful if swallowed.

S Phrases: N/A, as known.

Ozone Depleting Chemicals: N/A

TSCA: All components are listed.

WHMIS (Canada): Not regulated.

Canadian DSL: All components listed.

TSCA 12B Components: None

40 CFR Parts 372 (SARA Section 313): N/A

CERCLA: Nonhazardous

RCRA Hazard Class: Nonhazardous

SARA 311/312: None

SDS first issued. SDS data revised.

New Jersey Right to Know: See Section II

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