



LINCOLN



Mercury

Motorcraft

Rotunda

Material Safety Data Sheet

FIR No.: 003737
Version Number: US-US-3

Level: 1
Release Date: 2006-03-28

1. Product and Company Identification

Product Name: Thread Sealant with PTFE
Product Code: See Attachment
Application: Anaerobic pipe sealant with Teflon lubricant. Removable with hand tools.
Supplier: Ford Motor Company
Attention: MSDS Information, P.O. Box 1899
Dearborn, Michigan 48121
1-800-392-3673
Emergency Telephone: Poison Control Center: 1-800-959-3673
CHEMTREC: U.S. and Canada: 1-800-424-9300
CHEMTREC: International: 1-703-527-3887

2. Composition/Information on Ingredients

This chemical product is a preparation.

Chemical Name	CAS Number	Percent Concentration	Hazard Classification
MICA GROUP MINERALS	12001-26-2	15-40	HAZCOM SARA 313 WHMIS 1
CUMENE HYDROPEROXIDE	80-15-9	1-5	RQ RSMS_D_ALL SARA 313 WHMIS 1
TITANIUM DIOXIDE	13463-67-7	1-5	HAZCOM

3. Hazards Identification

CAUTION

Health: This product may cause irritation to the eyes, respiratory system, and skin.
This product may cause an allergic skin reaction.
If ingested, this product may cause gastrointestinal irritation.

Physical and Chemical Hazards: This product is not combustible.

4. First-Aid Measures

Inhalation: If gas/fume/vapor/dust/mist from the material is inhaled, remove the affected person immediately to fresh air.

Skin Contact: Immediately take off all contaminated clothing.
For skin contact, wash immediately with soap and water.
If irritation persists, get medical attention.



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Eye Contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical attention.
If irritation persists, get medical attention.

Ingestion: If the material is swallowed, get immediate medical attention or advice
-- Do not induce vomiting.

5. Fire-Fighting Measures

Extinguishing Media: Dry chemical, foam, carbon dioxide, water fog.

Specific Hazards: Toxic fluoride compounds may be released upon combustion.
Irritating and toxic gases or fumes may be released during a fire.

Protection of Firefighters: Fire fighters should be equipped with NIOSH-approved, self-contained breathing apparatus (SCBA) and full protective clothing.

6. Accidental Release Measures

Personal Precautions: Avoid inhalation of vapors and contact with skin and eyes.
Provide adequate ventilation.

Environmental Precautions: No available information.

Methods for Cleaning Up: Absorb the spilled material with an inert absorbent (nonflammable) material.

7. Handling and Storage

Handling:

Technical Measures: No special precautions necessary.

Precautions and Advice for Safe Handling: Avoid getting this material into contact with your skin and eyes.
Do not breathe gas/fumes/vapor/spray.
Use this product with adequate ventilation.

Storage:

Technical Measures: No special precautions.

Storage Conditions: Store this product in a cool, dry, well-ventilated place.



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8. Exposure Controls/Personal Protection

Engineering Measures:

Use general ventilation.
 Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

Exposure Limits:

Chemical Name	TWA 8 hr	STEL/C	References	Notes
MICA GROUP MINERALS	See Note		ACGIH	3 mg/m ³ TWA (this TLV is for the respirable fraction of dust for Mica)
TITANIUM DIOXIDE	10(mg/m ³)		OSHA ACGIH	
		15(ppm)	OSHA	

Personal Protective Equipment:

Respiratory Protection:

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker health, an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard 29 CFR 1910.134 and/or Canadian Standard CSA Z94.4.

Hand Protection:

The use of nitrile-latex gloves is recommended.

Eye Protection:

Wear safety glasses with side shields.

Hygiene Measures:

Wash thoroughly after handling.
 When using this material, do not eat, drink or smoke.



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9. Physical and Chemical Properties

Specific Gravity: 1.17
Physical State: PASTE
Odor: MILD
Color: WHITE
pH: N.AP
Temperature Range During which Changes in Physical State Occur:
Boiling Point: >+148.889 °C
Flash Point: 95 °C ASTM D56
Explosion Properties:
UEL: 8.0
LEL: 1.0
Vapor Pressure: ND
Solubility: SLIGHT IN WATER
Viscosity: N.AP
Evaporation Rate: ND

10. Stability and Reactivity

Stability: This is a stable material.
Hazardous polymerization will not occur.
Conditions and Materials to Avoid: This product may react with amines.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other low molecular weight hydrocarbons.



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11. Toxicological Information

80-15-9 CUMENE HYDROPEROXIDE
Inhalation, adult rat, LC50 = 220 ppm (4 Hours)
80-15-9 CUMENE HYDROPEROXIDE
Oral, adult rat, LD50 = 382 mg/kg
111-87-5 OCTANOL
Oral, mouse, LD50 = 1790 mg/kg
80-15-9 CUMENE HYDROPEROXIDE
Skin, adult rat, LD50 = 500 mg/kg

Inhalation: This product contains a material identified as a hazardous ingredient which poses a hazard only if the product is dried and a dust is formed.

Skin Contact: Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

12. Ecological Information

No specific aquatic data available for this product.

13. Disposal Considerations

Waste from Residues: Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation.

Contaminated Packaging: No available information.



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14. Transport Information

U.S. Department of Transportation (DOT) 49 - CFR 172.101

This product is not regulated as a dangerous good.

Canadian Transportation of Dangerous Goods (T.D.G.) - TDGR Schedule II

This product is not regulated as a dangerous good.

Secretary of Communication and Transportation (SCT) - NOM-002-SCT2/1994 (Mexico)

This product is not regulated as a dangerous good.

International and Domestic Air Transportation - ICAO & IATA Section 4.2

This product is not regulated as a dangerous good.

International Water Transportation - IMDG Code Amendment 31-02

This product is not regulated as a dangerous good.

15. Regulatory Information

This product contains an ingredient(s) considered to be an environmental hazardous substance(s) by the State of New Jersey.

This product contains an ingredients(s) considered to be a hazardous substance(s) by the State of New Jersey.

This product contains a toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

16. Other Information

Key/Legend: N.AP = Not applicable; N.AV = Not available; ND = Not determined or No data; TLV = Threshold limit value; TWA = Time-weighted average; STEL = Short-term exposure limit; C = Ceiling limit

Preparation Information:

The chemical identification and properties for this material were provided by the manufacturer. For Canadian locations, a manufacturer's MSDS is available upon request. Health and safety information has been evaluated by the Occupational and Environmental Health Sciences Department, Ford Motor Company, National Parts General Office, MD74, 29500 Plymouth Road, Livonia, MI 48150, USA.

Disclaimer:

The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.



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Attachment

Product Code	Container Size	Part of Kit	Kit Product Code
TA-24	0.2 fl. oz. (6 mL)		