



SAFETY DATA SHEET

PRODUCT: **PTFE THREAD COMPOUND**

REV DATE 6/15/15

SECTION 1: IDENTIFICATION

PRODUCT DESCRIPTION: READI-SEAL PTFE THREAD COMPOUND

MANUFACTURER: TFCO INCORPORATED
2444 N STATE ROAD 39
LA PORTE, IN 46350

INFORMATION: 219-324-4166
EMERGENCY PHONE: 219-324-4166

PRODUCT USE: FOR USE AS A SEALANT IN PLASTIC AND METAL
THREADED CONNECTIONS

SECTION 2: HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION:

Acute Toxicity	Not Established
Skin Irritation	Category 3
Eye Irritation	Category 2B
Skin Sensitization	NO

GHS LABEL REQUIREMENTS:

PICTOGRAM



SIGNAL WORD

Warning

HAZARD STATEMENTS: H303: May be harmful if swallowed
H313: May be harmful in contact with skin
H335 + H336: May cause respiratory irritation and drowsiness or
dizziness

PRECAUTIONARY STATEMENTS: P102: Keep out of reach of children
P233: Keep container tightly closed
P262: Do not get in eyes, on skin or on clothing
P271: Use only outdoors or in well-ventilated area



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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS#	EINECS#	REACH Pre-registration No.	APPROX %
2-Butoxyethanol	111-76-2	N/A	N/A	13-18%
Oxidized Castor Oil	68187-84-8	269-128-4	N/A	5-10%
Polytetrafluoroethylene	9002-84-0	N/A	N/A	8-12%
Calcium Carbonate	1317-65-3	N/A	N/A	60-80%
Silicone Dioxide, Chemically Prepared	112945-52-2	N/A	N/A	1-2%

* Unlisted ingredients are not classified as hazardous according to OSHA 1910.1200

SECTION 4: FIRST AID MEASURES

- INHALATION:** Move into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call physician.
- SKIN CONTACT:** Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation persists get medical attention.
- EYE CONTACT:** Flush with water for 15 minutes. If irritation persists get medical attention.
- INGESTION:** Give 1 or 2 glasses of water. DO NOT INDUCE VOMITING. Contact physician immediately.

SECTION 5: FIRE FIGHTING MEASURES

FIRE HAZARD

Combustible-Moderate flash point. Vapors heavier than air and may travel along the ground or to low spots at considerable distances to a source of ignition resulting in potential flashback. Burning liquid may float on water. Heat may build up pressure and rupture containers.



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EXTINGUISHING MEDIA: Water, dry chemical or CO2

COMBUSTION PRODUCTS: None Known

UNSUITABLE EXTINGUISHING MEDIA: None Known

FIRE FIGHTING EQUIPMENT: Self-contained breathing apparatus (SCBA, NIOSH/MSHA). Full protective gear

SPECIAL FIRE FIGHTING PROCEDURES As appropriate for combustion in area

SECTION 6: ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS: Avoid runoff into storm sewers, ditches and waterways

METHODS FOR CLEANING UP: Soak up spill with an inert absorbent such as sand, earth or other noncombusting material. Transfer absorbent material to a covered, labeled, metal container. Do not use plastic or aluminum containers.

SECTION 7: HANDLING & STORAGE

<u>Handling</u>	<u>Storage</u>
Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all product precautions. Do not reuse empty containers.	Store in a closed container. Keep away from heat, sparks, or open flames.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Hazardous Chemicals</u>	<u>Exposure Limits</u>		
	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
2-Butoxyethanol	25 ppm	N/A	50 ppm



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ENGINEERING CONTROLS: A source of running water to flush or wash the eyes and skin in case of contact. Use local exhaust as needed.

VENTILATION: Local ventilation is adequate.

PERSONAL PROTECTIVE EQUIPMENT – RESPIRATORY: Avoid breathing of fumes. If used in a confined area, a respirator may be necessary.

PERSONAL PROTECTIVE EQUIPMENT – SKIN: Protective Gloves

PERSONAL PROTECTIVE EQUIPMENT – EYES: Protective Goggles

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance:	White Paste
Odor:	Mild
Vapor Pressure:	0.88mm Hg @ 25°C
Vapor Density:	>1.00 (AIR=1)
pH:	Not Established
Density:	1.41 g/cc
Melting Point:	Not Established
Freezing Point:	Not Established
Boiling Point:	180°F
Water Solubility:	Slight
Flash Point:	82°F
Evaporation Rate:	0.6 (BUAC=1)
VOC:	190 g/l
Flammability:	921°F
Flammability Limits:	LEL – 1.1% UEL – 10.6%

SECTION 10: STABILITY & REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Heat, sparks, open flames and strong oxidizing



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Incompatible Materials: Liquid Oxygen Systems, Liquid Sodium, Gaseous Fluorine, Strong Oxidizers

Hazardous Decomposition Products: None

SECTION 11: TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>Toxicity</u>	
	<u>LD₅₀</u>	<u>LC₅₀</u>
2-Butoxyethanol	N/A	N/A

LIKELY ROUTES OF EXPOSURE: Skin Contact and Eye Contact

SYMPTOMS AND EFFECT:

INHALATION: Possible dizziness if used in confined areas

SKIN CONTACT: May cause mild irritation to sensitive skin

EYE CONTACT: May cause eye irritation

INGESTION: None

LONG-TERM EFFECT: None Known

PRE-EXISTING CONDITIONS: None Known

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: None Known

PERSISTANCE & DEGRADABILITY: None Known

BIOACCUMULATIVE POTENTIAL: None Known

MOBILITY IN SOIL: None Known



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SECTION 13: DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated

SECTION 15: REGULATORY INFORMATION

Precautionary Label Information: Irritant.

Risk Phrases: R36/38 Irritant to eyes and skin.

Safety Phrases:

- S2**-Keep out of reach of children.
- S3**-Keep in a cool place.
- S7**-Keep container tightly closed when not in use.
- S24/25**-Avoid contact with skin and eyes.
- S29**-Do not empty into drains, storm drains or watercourses.
- S35**-Dispose of material and container in a safe way.
- S37/39**-Wear suitable gloves and eye protection.
- S51**-Use in well ventilated area.

SECTION 16: OTHER INFORMATION

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. TFCO, Incorporated urges the customers receiving this Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on the sheets.