

MATERIAL SAFETY DATA SHEET

Best # 97853

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Thread Sealant with Teflon
Item No.: 30561
Product Type: Sealant

TEFLON is a registered trademark of E.I. DuPont de Nemours Company Inc

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
ISOPROPYL ALCOHOL	67-63-0	35-40
TALC	14807-96-6	25-30
Vegetable oil	8001-79-4	20-25
Vinyl resin	53148-65-2	10-15
Poly(tetrafluoroethylene)	9002-84-0	1-3
TITANIUM DIOXIDE	13463-67-7	1-3

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Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
ISOPROPYL ALCOHOL	400 ppm TWA 983 mg/m3	400 ppm TWA 980 mg/m3	400 ppm TWA DuPont AEL
TALC	2 mg/m3 TWA respirable dust	2 mg/m3 TWA respirable dust	None
Vegetable oil	10 mg/m3 mist	15mg/m3mistdust 5mg/m3mist resp	None
Poly(tetrafluoroethylene)	None	None	AEL (DuPont) 5mg/m3 8hr dust
TITANIUM DIOXIDE	10 mg/m3 dust	15 mg/m3 dust 5 mg/m3 resp	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
ISOPROPYL ALCOHOL	500 ppm 1230 mg/m3	500 ppm 1225 mg/m3

3. HAZARDS IDENTIFICATION

Toxicity: Eye irritant. Moderately toxic by ingestion.
Primary Routes of Entry: Inhalation, ingestion, contact.
Signs and Symptoms of Exposure: Vapors cause irritation of eyes, nose and throat above TLV. Headache, nausea, dizziness may occur.
Existing Conditions Aggravated by Exposure: Skin, eye, and respiratory disorders.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
ISOPROPYL ALCOHOL	ALG BLO CNS IRR KID	NO	N/A	NO
TALC	IRR LUN SOM	NO	N/A	NO
Vegetable oil	IRR	NO	NO	NO
Vinyl resin	IRR	NO	NO	NO
Poly(tetrafluoroethylene)	NTD	NO	N/A	NO
TITANIUM DIOXIDE	IRR RES	NO	NO	NO

Abbreviations

N/A Not Applicable
BLO Blood
IRR Irritant
LUN Lung
S Respiratory
ALG Allergen
CNS Central nervous system
KID Kidney
NTD No Target Organs
SOM Evidence of some carcinogenicity

LOCTITE CORPORATION

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4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
 Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
 Skin Contact: Wash with soap and water.
 Eye Contact: Flush at least 15 minutes with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: 74°F Method: Tag closed cup
 Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
 Special Firefighting Procedures: Not available
 Hazardous Products formed by Fire or Thermal Decomp: Toxic fluorides
 Unusual Fire or Explosion Hazards: None
 Explosive Limits:
 (% by volume in air) Lower 2.3%
 (% by volume in air) Upper 12.7%

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Remove ignition sources. Maintain adequate ventilation. Soak up with an inert absorbent. Store in a closed container until disposal. Clean up with isopropyl alcohol.

7. HANDLING AND STORAGE

Safe Storage: Store away from heat, sparks or flame.
 (Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
 Handling: Avoid eye contact. Avoid prolonged skin contact or prolonged breathing of fumes.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
 Skin: Rubber or plastic gloves.
 Ventilation: Must be adequate to avoid exceeding TLV.
 Respiratory: Not available

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste
 Odor: Alcoholic
 Boiling Point: 180°F
 pH: Does not apply
 Solubility in Water: Partial
 Specific Gravity: 1.12 at 77°F
 Volatile Organic Compound (EPA Method 24): 37.9%
 Vapor Pressure: 33 mm at 68°F
 Vapor Density: 2.07
 Evaporation Rate (Ether = 1): 7.7

10. STABILITY AND REACTIVITY

Stability: Stable
 Hazardous Polymerization: Will not occur
 compatibility: Strong oxidizing agents.
 Conditions to Avoid: Not available
 Hazardous Decomposition Products (non-thermal): None

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11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.
 EPA Hazardous Waste Number: D001 - Hazardous waste per 40CFR 261.21

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
 Domestic Ground Transport
 Proper Shipping Name: Consumer Commodity (Not more than five liters);
 Resin solution (More than five liters)
 Hazard Class or Division: ORM-D (Not more than five liters);
 Class 3, Packing Group III (More than five liters)
 Identification Number: None (Not more than five liters);
 UN 1866 (More than five liters)
 Marine Pollutant: None
 IATA
 Proper Shipping Name: Consumer Commodity (Not more than 500 ml);
 Resin Solution (More than 500 ml)
 Class or Division: Class 9 (Not more than 500 ml);
 Class 3, Packing Group III (More than 500 ml)
 UN or ID Number: ID 8000 (Not more than 500 ml);
 UN 1866 (More than 500 ml)

15. REGULATORY INFORMATION

CA Proposition 65: No Prop65 chemicals are known to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:
 Health Hazard: 2
 Fire Hazard: 3
 Reactivity Hazard: 0
 Specific Hazard: Does not apply

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Estimated HMIS(R) Code:
 Health Hazard: 2
 Flammability Hazard: 3
 Reactivity Hazards: 0
 Personal Protection: See Section 8.

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 HMIS is a registered trademark of the National Paint and Coatings Assn.

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