

Permatex, A Brand of ITW Devcon  
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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

**Product Name:** 14H THREAD SEALANT W/TEFLON .25PT  
**Item No:** 80632  
**Product Type:** Sealant

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
2-PROPANOL 67-63-0	35-45	400 ppm TWA; 983 mg/m <sup>3</sup> TWA	400 ppm TWA
TALC 14807-96-6	20-30	2 mg/m <sup>3</sup> respir. dust TWA	2 mg/m <sup>3</sup> TWA
CASTOR OIL 8001-79-4	20-30	Not Listed	Not Listed
POLYVINYL RESIN 63148-65-2	1-10	Not Listed	Not Listed
TITANIUM DIOXIDE 13463-67-7	1-10	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> ; 15 mg/m <sup>3</sup> total dust
POLYTETRAFLUOROETHYLENE 9002-84-0	1-10	Not Listed	Not Listed

### 3. HAZARDS IDENTIFICATION

**Toxicity:** May cause eye, skin and respiratory irritation.  
**Primary Routes of Entry:** Eye and skin contact, ingestion, inhalation.  
**Signs and Symptoms of Exposure:** Excessive accidental exposure may cause headache, dizziness, nausea and mild respiratory irritation. Overexposure may cause eye and skin redness.

Ingredients	Percent	NTP:	ACGIH Carcinogens	IARC:
TITANIUM DIOXIDE 13463-67-7	1-10			Group 3; Vol 47, pg 307, 1989

**Medical Conditions Recognized as Being Aggravated by Exposure:** Preexisting eye, skin and respiratory disorders may be aggravated by overexposure to this product.

### 4. FIRST AID MEASURES

**Ingestion:** If swallowed, seek medical advice immediately and show this container or label  
**Inhalation:** Move to fresh air in case of accidental inhalation of vapors Oxygen or artificial respiration if needed  
 Obtain medical attention  
**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes If skin irritation persists, call a physician  
**Eye Contact:** In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice

### 5. FIRE FIGHTING MEASURES

**Flash Point (°F/C):** 74 degrees F. Method: Tag Closed Cup  
**Recommended Extinguishing Media:** Carbon Dioxide, Dry Chemicals, Foam.  
**Special Fire-Fighting Procedures:** Firefighters should wear self-contained breathing apparatus. Water spray may be ineffective on flames but should be used to keep fire-exposed containers cool.  
 Fluoride compounds  
**Hazardous Products Formed by Fire or Thermal Decomposition:**  
**Unusual Fire/Explosion Hazards:** Closed containers may rupture or explode when exposed to extreme heat.  
**Lower Explosive Limit:** 2.3  
**Upper Explosive Limit:** 12.7

## **6. ACCIDENTAL RELEASE MEASURES**

**Spill Procedures:** Eliminate all sources of ignition. Maintain good ventilation. Take up with an inert absorbent. Store in a closed waste container until disposal. Residues may be cleaned up with isopropyl alcohol.

## **7. HANDLING AND STORAGE**

**Storage:** Store away from heat, sparks or open flame. Do not store at temperatures above 120 degrees F.  
**Handling:** Avoid contact with skin and eyes. Do not inhale vapors. Keep container closed when not in use.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Eyes:** Safety glasses.  
**Skin:** Rubber or plastic gloves  
**Ventilation:** Provide adequate ventilation  
**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** White paste  
**Odor:** ALCOHOLIC  
**Boiling Point (°F):** 180 degrees F.  
**pH:** Does not apply  
**Solubility in Water:** Partial  
**Specific Gravity:** 1.12  
**VOC Content(Wt.%):** 38.2% by weight; 341 g/l  
**Vapor Pressure:** 33 mm Hg @ 68 degrees F.  
**Vapor Density (Air=1):** 2.07  
**Evaporation Rate:** 7.7 (ether = 1)

## **10. STABILITY AND REACTIVITY**

**Chemical Stability:** Stable at normal conditions  
**Hazardous Polymerization:** WILL NOT OCCUR  
**Incompatibilities:** Strong oxidizers.  
**Conditions to Avoid:** Keep away from heat, sparks and open flame.  
**Hazardous Products Formed by Fire or Thermal Decomposition:** Fluoride compounds

## **11. TOXICOLOGICAL INFORMATION**

See Section 3

## **12. ECOLOGICAL INFORMATION**

No data available

## **13. DISPOSAL CONSIDERATIONS**

**Recommended Method of Disposal:** Disposal should be made in accordance with federal, state and local regulations.  
**US EPA Waste Number:** D001 as per 40CFR 261.21

## **14. TRANSPORTATION INFORMATION**

**DOT (49CFR 172)**

### **Domestic Ground Transport**

**DOT Shipping Name:** Consumer Commodity (Not more than five liters)  
**Hazard Class:** ORM-D  
**UN/ID Number:** None  
**Marine Pollutant:** None

### **IATA**

**Proper Shipping Name:** Consumer Commodity  
**Class or Division:** Class 9  
**UN/NA Number:** ID 8000

### **IMDG**

**Product name:** 14H THREAD SEALANT W/TEFLON  
.25PT

**Item** 80632

**Proper Shipping:** Adhesives, Limited Quantity  
**Hazard Class:** Class 3.3  
**UN Number:** UN 1133

## **15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical.

### **SARA 313 Information**

NONE

### **CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present.

### **TSCA Inventory Status:**

**Listed on Inventory:** **YES** All components of this product are listed (or exempt) on the EPA TSCA inventory.

## **16. OTHER INFORMATION**

**Estimated NFPA Rating:** HEALTH 2, FLAMMABILITY 3, REACTIVITY 0

**Estimated HMIS Classification:** HEALTH 2, FLAMMABILITY 3, PHYSICAL HAZARD 0

NFPA is a registered trademark of the National Fire Protection Assn.

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

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