

Supplier:  
Permatex, Inc.  
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## Material Safety Data Sheet

### 1. PRODUCT IDENTIFICATION

Product Name: 14AR THREAD SEALANT W/TEFLON 1OZ  
Item No: 80631  
Product Type: Sealant

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	ACGIH 8 Hr. TWA:	OSHA 8 Hr. TWA:
PROPAN-1-OL 67-63-0	35-45	(400) ppm TWA; (983) mg/m3 TWA	400 ppm TWA; 980 mg/m3 TWA
TALC 14807-96-6	25-35	2 mg/m3 respir. dust TWA	2 mg/m3 TWA
VEGETABLE OIL 68187-84-8	20-30		
POLYVINYL RESIN 63148-65-2	10-20		
TITANIUM DIOXIDE 13463-67-7	1-10	10 mg/m3	15 mg/m3 total dust
POLYTETRAFLUOROETHYLENE 9002-84-0	1-10		

### 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

**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, DO NOT induce vomiting. Keep individual calm. Obtain medical attention.  
**Inhalation:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention.  
**Skin Contact:** Remove contaminated clothing. Wash area with soap and water. If irritation persists, seek medical attention.  
**Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

### 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.

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**Hazardous Products Formed by Fire or Thermal Decomposition:** Fluoride compounds  
**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 or goggles.  
**Skin:** Rubber or plastic gloves  
**Ventilation:** General; local exhaust ventilation as necessary to control any air contaminants to within their exposure limits during the use of this product.  
**Respiratory Protection:** An approved respirator (i.e. NIOSH, etc.) should be worn when exposures are expected to exceed the applicable limits.

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

**Appearance:** White paste  
**Odor:** Alcohol Odor  
**Boiling Point (°F):** 180 degrees F.  
**pH:** Does not apply  
**Solubility in Water:** Partial  
**Specific Gravity:** 1.12  
**VOC Content(Wt.%):** 37.9% by weight; 425.5 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:** Do not expose to heat or store at temperatures above 120 F.  
**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. TRANSPORT INFORMATION**

**DOT (49CFR 172)**  
**Domestic Ground Transport**  
**DOT Shipping Name:** Consumer Commodity (Not more than five liters)

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**Hazard Class:** ORM-D  
**UN/ID Number:** None  
**Marine Pollutant:** None  
**IATA**  
**Proper Shipping Name:** Consumer Commodity (Not more than 500 ml)  
**Class or Division:** Class 9  
**UN/NA Number:** ID 8000  
**IMDG**  
**Proper Shipping:** Resin Solution, Flammable, Limited Quantity  
**Hazard Class:** Class 3.3  
**UN Number:** UN 1866

## **15. REGULATORY INFORMATION**

**SARA 313 Chemicals:** The following component(s) is listed as a SARA Section 313 Toxic Chemical  
NONE

### **CALIFORNIA PROP 65:**

No California Prop 65 chemicals are known to be present.

### **TSCA Inventory Status:**

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:** FLAMMABILITY 3, REACTIVITY 0, HEALTH 2

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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