



Revision Date: 10/24/2006

Issue date: 09/07/2007

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Thread Sealant w/ PTFE  
**Product type:** Sealant  
**Company address:**  
 Henkel Corporation  
 1001 Trout Brook Crossing  
 Rocky Hill, Connecticut 06067

**Item No. :** 30561  
**Region:** United States  
**Contact Information:**  
 Telephone: 860.571.5100  
 Emergency telephone: 860.571.5100  
 Internet: www.loctite.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Methyl acetate 79-20-9	30-60	200 ppm TWA 250 ppm STEL	200 ppm TWA 610 mg/m <sup>3</sup> TWA	None
Talc 14807-96-6	10-30	2 mg/m <sup>3</sup> TWA particulate matter containing no asbestos and <1% crystalline silica	= 20 mppcf TWA	50 ppm
Castor oil 8001-79-4	10-30	None	None	None
Vinyl terpolymer 27360-07-2	10-30	None	None	None
Titanium dioxide 13463-67-7	1-5	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA total dust	None
Poly(tetrafluoroethylene) 9002-84-0	1-5	None	None	AEL (DuPont): 10 mg/m <sup>3</sup> , 8 Hr TWA, total dust; 5mg/m <sup>3</sup> , 8 hr. TWA respirable dust
Methanol 67-56-1	0.1-1	200 ppm TWA 250 ppm STEL (skin)	200 ppm TWA 260 mg/m <sup>3</sup> TWA	None
Silica, quartz 14808-60-7	0.1-1	0.025 mg/m <sup>3</sup> TWA respirable fraction	0.1mg/m <sup>3</sup> TWA (respirable)	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

HMIS:

**Physical state:** Paste  
**Color:** White  
**Odor:** Alcoholic

**HEALTH:** 2\*  
**FLAMMABILITY:** 3  
**PHYSICAL HAZARD:** 0  
**Personal Protection:** See Section 8

**WARNING:** FLAMMABLE LIQUID AND VAPOR.  
 MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

**Relevant routes of exposure:** Inhalation, Ingestion, Eye contact, Skin contact

Potential Health Effects

**Inhalation:** Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.

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**Skin contact:** Irritating to skin.  
**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.  
**Ingestion:** Contains material that may be slightly toxic.

**Existing conditions aggravated by exposure:** Eye, skin, and respiratory disorders.

**See Section 11 for additional toxicological information.**

#### 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If discomfort persists seek medical attention.  
**Skin contact:** Wash with soap and water.  
**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.  
**Ingestion:** Do not induce vomiting. Keep individual calm. Obtain medical attention.

#### 5. FIRE-FIGHTING MEASURES

**Flash point:** <5°C (<41°F) Pensky Martens closed cup  
**Autoignition temperature:** 398.3°C (750°F) estimated  
**Flammable/Explosive limits-lower %:** 2.3 %  
**Flammable/Explosive limits-upper %:** 12.7 %  
**Extinguishing media:** Use dry chemical, CO2, water spray or `alcohol` foam.  
**Special fire fighting procedures:** N/A  
**Unusual fire or explosion hazards:** None  
**Hazardous combustion products:** Toxic fluorides.

#### 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Remove sources of ignition. Ventilate area.  
**Clean-up methods:** Remove all sources of ignition. Ventilate area. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Contain the spill in a closed container until disposal.

#### 7. HANDLING AND STORAGE

**Handling:** Keep away from heat, spark and flame. Do not get in eyes.  
**Storage:** Store away from heat, sparks, flames, or other sources of ignition.  
**Incompatible products:** Oxidizing agents.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering controls:** Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.  
**Respiratory protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

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**Skin protection:** Chemical resistant, impermeable gloves.  
**Eye/face protection:** Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Paste  
**Color:** White  
**Odor:** Alcoholic  
**Vapor pressure:** 33 mmHg @20°C (68° F)  
**pH:** Not applicable  
**Boiling point/range:** 82.2°C (180°F)  
**Melting point/range:** Not determined  
**Specific gravity:** 1.17 at 25°C (77°F)  
**Vapor density:** 2.07  
**Evaporation rate:** 7.7 (Ether = 1)  
**Solubility in water:** Partial  
**Partition coefficient (n-octanol/water):** Not determined  
**VOC content:** 0.00%; 0.00 grams/liter

## 10. STABILITY AND REACTIVITY

**Stability:** Stable.  
**Hazardous polymerization:** Will not occur.  
**Hazardous decomposition products:** Toxic fluorides.  
**Incompatibility:** Oxidizing agents.  
**Conditions to avoid:** Heat, flames, sparks and other sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Methyl acetate 79-20-9	No	No	No
Talc 14807-96-6	No	No	No
Castor oil 8001-79-4	No	No	No
Vinyl terpolymer 27360-07-2	No	No	No
Titanium dioxide 13463-67-7	No	Group 2B	Yes
Poly(tetrafluoroethylene) 9002-84-0	No	No	No
Methanol 67-56-1	No	No	No
Silica, quartz 14808-60-7	Known Carcinogen	Group 1	Yes

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Methyl acetate 79-20-9	Irritant, Central nervous system, Eyes, Blood
Talc 14807-96-6	Some evidence of carcinogenicity, Lung, Irritant
Castor oil 8001-79-4	Irritant
Vinyl terpolymer 27360-07-2	No data
Titanium dioxide 13463-67-7	Irritant, Respiratory
Poly(tetrafluoroethylene) 9002-84-0	No Target Organs
Methanol 67-56-1	Eyes, Heart, Irritant, Kidney, Liver, Metabolic, Nervous System, Reproductive
Silica, quartz 14808-60-7	Some evidence of carcinogenicity, Lung, Immune system

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of in accordance with Federal, State and local regulations.

**EPA hazardous waste number:** D001: Ignitable.

## 14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

### U.S. Department of Transportation Ground (49 CFR):

**Proper shipping name:** RESIN SOLUTION  
**Hazard class or division:** 3  
**Identification number:** UN 1866  
**Packing group:** II  
**Exceptions:** Consumer Commodity ORM-D (Not more than 5L)

### International Air Transportation (ICAO/IATA):

**Proper shipping name:** RESIN SOLUTION  
**Hazard class or division:** 3  
**Identification number:** UN1866  
**Packing group:** II  
**Exceptions:** Consumer Commodity, ID 8000, Class 9 (Not more than 500 ml)

### WaterTransportation (IMO/IMDG):

**Proper shipping name:** RESIN SOLUTION  
**Hazard class or division:** 3  
**Identification number:** UN 1866  
**Packing group:** II

## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.  
**TSCA 12 (b) Export Notification:** Methyl acetate (CAS # 79-20-9).

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard, Fire  
**CERCLA/SARA 313:** None above reporting de minimus.

**California Proposition 65:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

### Canada Regulatory Information

**CEPA DSL/NDSL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.  
**WHMIS hazard class:** B.2, D.2.A, D.2.B

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: First issue.

**Prepared by:** Kyra Kozak Woods, Manager, Regulatory Affairs

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