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 RTC Product #44059



## Material Safety Data Sheet



Revision Date: 05/28/2014

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b>	592 Thread Sealant PST® Pipe Sealant With PTFE	<b>Item No. :</b>	59231
<b>Product type:</b>	Anaerobic Sealant	<b>Region:</b>	United States
<b>Company address:</b>	Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067	<b>Contact Information:</b>	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>
Bisphenol A fumarate resin 39382-25-7	10-30	None	None	None
Silica,mica 12001-26-2	10-30	3 mg/m <sup>3</sup> TWA respirable fraction	= 20 mppcf TWA	None
Polyglycol dimethacrylate 25852-47-5	10-30	None	None	None
Polyglycol dioctanoate 18268-70-7	10-30	None	None	None
Octanol 111-87-5	10-30	None	None	None
Poly(tetrafluoroethylene) 9002-84-0	5-10	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
Silica, amorphous, treated 68909-20-6	1-5	10 mg/m <sup>3</sup> (Inhal)	20mppcf	6 mg/m <sup>3</sup>
Titanium dioxide 13463-67-7	1-5	10 mg/m <sup>3</sup> TWA	15 mg/m <sup>3</sup> TWA total dust	None
Propylene glycol 57-55-6	1-5	None	None	None
Fragrance UNKNOWN	1-5	None	None	None
Silica, quartz 14808-60-7	0.1-1	0.05 mg/m <sup>3</sup> TWA respirable fraction	0.1mg/m <sup>3</sup> TWA (respirable)	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

##### HMIS:

<b>Physical state:</b>	Paste	<b>HEALTH:</b>	2*
<b>Color:</b>	White	<b>FLAMMABILITY:</b>	1
<b>Odor:</b>	Mild	<b>PHYSICAL HAZARD:</b>	1
		<b>Personal Protection:</b>	See Section 8

#### **WARNING:**

Item No. : 59231

Product name: 592 Thread Sealant PST® Pipe Sealant With PTFE

# Safety Data Sheet (SDS)

CAUSES EYE IRRITATION.  
MAY CAUSE ALLERGIC SKIN REACTION.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.

**Relevant routes of exposure:** Skin, Inhalation, Eyes

## Potential Health Effects

**Inhalation:** May cause respiratory tract irritation. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. May cause symptoms of intoxication.  
**Skin contact:** May cause allergic skin reaction. May cause skin irritation with discomfort or rash.  
**Eye contact:** Contact with eyes will cause irritation.  
**Ingestion:** Not expected to be harmful by ingestion.

**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 symptoms develop and persist, get medical attention.

**Skin contact:** Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

**Eye contact:** Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

**Ingestion:** Do not induce vomiting. Keep individual calm. Obtain medical attention.

## 5. FIRE-FIGHTING MEASURES

**Flash point:** Greater than 93°C (200°F) Tagliabue closed cup

**Autoignition temperature:** Not available

**Flammable/Explosive limits-lower %:** Not available

**Flammable/Explosive limits-upper %:** Not available

**Extinguishing media:** Foam, dry chemical or carbon dioxide.

**Special fire fighting procedures:** None

**Unusual fire or explosion hazards:** None

**Hazardous combustion products:** Oxides of carbon. Toxic fluorine compounds. Irritating organic vapors.

## 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Prevent product from entering drains or open waters.

**Clean-up methods:** Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

# Safety Data Sheet (SDS)

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Use only with adequate ventilation.
<b>Storage:</b>	For safe storage, store at or below 38°C (100°F).
<b>Incompatible products:</b>	Refer to Section 10.

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

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Engineering controls:</b>	No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
<b>Skin protection:</b>	Use impermeable gloves and protective clothing as necessary to prevent skin contact.
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Paste
<b>Color:</b>	White
<b>Odor:</b>	Mild
<b>Vapor pressure:</b>	Less than 10 mm Hg at 27°C (80°F)
<b>pH:</b>	Not applicable
<b>Boiling point/range:</b>	Greater than 149°C (300°F)
<b>Melting point/range:</b>	Not available
<b>Specific gravity:</b>	1.21
<b>Vapor density:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Solubility in water:</b>	Slight
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	16.9%; 205 grams/liter (EPA Method 24)

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Toxic fluorine compounds. Irritating organic vapors.
<b>Incompatibility:</b>	Strong oxidizers.
<b>Conditions to avoid:</b>	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

## 11. TOXICOLOGICAL INFORMATION

<b>Product toxicity data:</b>	Acute oral LD50 greater than 10,000 mg/kg (rat). Acute dermal LD50 greater than 5000 mg/kg (rabbit).
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### Carcinogen Status

## Safety Data Sheet (SDS)

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Bisphenol A fumarate resin 39382-25-7	No	No	No
Silica, mica 12001-26-2	No	No	No
Polyglycol dimethacrylate 25852-47-5	No	No	No
Polyglycol dioctanoate 18268-70-7	No	No	No
Octanol 111-87-5	No	No	No
Poly(tetrafluoroethylene) 9002-84-0	No	No	No
Silica, amorphous, treated 68909-20-6	No	No	No
Titanium dioxide 13463-67-7	No	No	No
Propylene glycol 57-55-6	No	No	No
Fragrance UNKNOWN	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
Bisphenol A fumarate resin 39382-25-7	Allergen, Irritant
Silica, mica 12001-26-2	Lung
Polyglycol dimethacrylate 25852-47-5	Allergen, Irritant
Polyglycol dioctanoate 18268-70-7	No Target Organs
Octanol 111-87-5	Central nervous system, Irritant
Poly(tetrafluoroethylene) 9002-84-0	No Target Organs
Silica, amorphous, treated 68909-20-6	No Target Organs
Titanium dioxide 13463-67-7	Irritant, Respiratory
Propylene glycol 57-55-6	Irritant
Fragrance UNKNOWN	No data
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 according to Federal, State and local governmental regulations.

**EPA hazardous waste number:** Not hazardous

## 14. TRANSPORT INFORMATION

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

**Proper shipping name:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None

**Item No. :** 59231

**Product name:** 592 Thread Sealant PST® Pipe Sealant With PTFE

# Safety Data Sheet (SDS)

Packing group: None

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

Proper shipping name: Unrestricted  
 Hazard class or division: None  
 Identification number: None  
 Packing group: None

**Water Transportation (IMO/IMDG):**

Proper shipping name: Unrestricted  
 Hazard class or division: None  
 Identification number: None  
 Packing group: None  
 Marine pollutant: None

## 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:** None.

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard  
**CERCLA/SARA 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Cumene hydroperoxide (CAS# 80-15-9) .

**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/NDL Status:** All components are listed on or are exempt from listing on the Domestic Substances List.  
**WHMIS hazard class:** D.2.A, D.2.B

## 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** Expanded chemical information in Section 2 and related sections.

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