



Revision Number: 002.0

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** OSI TeQ::Seal Window Flange Sealant **IDH number:** 1003802  
**Product type:** Sealant **Region:** United States  
**Company address:** Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067  
**Contact information:**  
 Telephone: 800.624.7767  
 MEDICAL EMERGENCY Phone: Poison Control Center  
 1-877-671-4608 (toll free) or 1-303-592-1711  
 TRANSPORT EMERGENCY Phone: CHEMTREC  
 1-800-424-9300 (toll free) or 1-703-527-3887

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

<b>Physical state:</b>	Paste	<b>HMIS:</b>	
<b>Color:</b>	white	<b>HEALTH:</b>	*2
<b>Odor:</b>	alcohol-like	<b>FLAMMABILITY:</b>	1
		<b>PHYSICAL HAZARD:</b>	0
		<b>Personal Protection:</b>	See MSDS Section 8

**WARNING:** PROLONGED OR REPEATED CONTACT WITH UNCURED SEALANT MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

**Potential Health Effects**

**Inhalation:** May be harmful if inhaled. Methanol is released during application and cure, which may affect the nervous system causing dizziness, headache or nausea.  
**Skin contact:** Prolonged or repeated contact with uncured sealant may cause skin irritation.  
**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.  
**Ingestion:** Harmful if swallowed. Not expected under normal conditions of use.

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

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous components	CAS NUMBER	%
1,2-Benzenedicarboxylic acid, diundecyl ester, branched and linear	85507-79-5	10 - 30
Limestone	1317-65-3	10 - 30
Titanium dioxide	13463-67-7	1 - 5
Trimethoxyvinylsilane	2768-02-7	1 - 5
Methanol	67-56-1	0 - 0.1

Exposure to moisture during cure will release 1-2% methanol.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. If symptoms persist, seek medical advice.
<b>Skin contact:</b>	Wash with soap and water. If skin irritation persists, call a physician. Wipe off paste with paper towel or cloth.
<b>Eye contact:</b>	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
<b>Ingestion:</b>	Do not induce vomiting. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
<b>Notes to physician:</b>	Treat symptomatically.

#### 5. FIRE FIGHTING MEASURES

<b>Flash point:</b>	Not applicable
<b>Autoignition temperature:</b>	Not available
<b>Flammable/Explosive limits - lower:</b>	Not available
<b>Flammable/Explosive limits - upper:</b>	Not available
<b>Extinguishing media:</b>	Foam, dry chemical or carbon dioxide.
<b>Special firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Oxides of carbon. Oxides of silicon. calcium oxide

#### 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

<b>Environmental precautions:</b>	Do not allow product to enter sewer or waterways.
<b>Clean-up methods:</b>	Store in a partly filled, closed container until disposal. Spilled material will solidify. Scrape up as much material as possible. Maintain good ventilation for large spills.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Do not handle contact lenses until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause eye irritation. Avoid contact with eyes, skin and clothing. Keep out of the reach of children. Protect from moisture.
<b>Storage:</b>	Keep container closed. Store in a dry area below 90° F.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
1,2-Benzenedicarboxylic acid, diundecyl ester, branched and linear	None	None	None	None
Limestone	10 mg/m3 TWA Total dust.	5 mg/m3 TWA Respirable fraction. 15 mg/m3 TWA Total dust.	None	None
Titanium dioxide	10 mg/m3 TWA	15 mg/m3 TWA Total dust.	None	None
Trimethoxyvinylsilane	None	None	None	None
Methanol	200 ppm TWA (SKIN) 250 ppm STEL	200 ppm (260 mg/m3) TWA	None	None

<b>Engineering controls:</b>	Ensure adequate ventilation, especially in confined areas.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields.
<b>Skin protection:</b>	Chemical resistant, impermeable gloves. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Paste
<b>Color:</b>	white
<b>Odor:</b>	alcohol-like
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Vapor pressure:</b>	Not available
<b>Boiling point/range:</b>	Not available
<b>Melting point/ range:</b>	Not available
<b>Specific gravity:</b>	1.388 at 20 °C (68°F)
<b>Vapor density:</b>	Heavier than air.
<b>Flash point:</b>	Not applicable
<b>Flammable/Explosive limits - lower:</b>	Not available
<b>Flammable/Explosive limits - upper:</b>	Not available
<b>Autoignition temperature:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Solubility in water:</b>	Insoluble
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	< 3 %; 21 g/l

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Not available
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of silicon. Calcium oxide. Methanol is liberated slowly upon exposure to moisture.
<b>Incompatible materials:</b>	Oxidizing agents. Water Acids. Alkalis.
<b>Conditions to avoid:</b>	Exposure to moisture.

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
1,2-Benzenedicarboxylic acid, diundecyl ester, branched and linear	No	No	No
Limestone	No	No	No
Titanium dioxide	No	Group 2B	No
Trimethoxyvinylsilane	No	No	No
Methanol	No	No	No

Hazardous components	Health Effects/Target Organs
1,2-Benzenedicarboxylic acid, diundecyl ester, branched and linear	No Records
Limestone	Nuisance dust
Titanium dioxide	Irritant, Respiratory, Some evidence of carcinogenicity
Trimethoxyvinylsilane	Irritant, Allergen
Methanol	Eyes, Heart, Irritant, Kidney, Liver, Metabolic, Nervous System, Reproductive

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

**Hazardous waste number:** It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24.

## 14. TRANSPORT INFORMATION

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

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

### Water Transportation (IMO/IMDG)

**Proper shipping name:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** 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 above reporting de minimus

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

**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer.

**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:** D.2.A, D.2.B

**16. OTHER INFORMATION**

**This material safety data sheet contains changes from the previous version in sections:** New Material Safety Data Sheet format.

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