



## MATERIAL DATA SHEET

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **OATEY SILICONE SEALANT**

Part Numbers: 30236, 30237  
Product Use: High performance sealant  
Formula: See Section 3.  
Synonyms:  
Firm Name &  
Mailing Address: Oatey Company  
4700 West 160th Street - P.O. Box 35906  
Cleveland, OH 44134 <http://www.oatey.com>

Emergency Phone Numbers: For Emergency First Aid call 1-877-740-5015 or 1-303-623-5716 COLLECT. For chemical transportation emergencies ONLY, call CHEMTREC at : (800)424-9300. Outside the U.S. (703)527-3887.

Information  
Telephone Number: (216) 267-7100 or (800) 321-9532  
Prepared By: Technical Department  
Contact: Information telephone number – (216) 267-7100  
Preparation Date: August 8, 2011

### SECTION 2 HAZARDS IDENTIFICATION

Emergency Overview:  
Clear or white thick liquid with slight vinegar odor. May cause eye, nose, throat, and skin irritation.

Potential Health Effects:

Eyes: Direct contact may cause moderate irritation.

Skin: May cause moderate irritation.

Inhalation: Not a likely route of entry at ambient conditions. However, if material is heated or high vapor concentration is attained, central nervous system depression may occur, which is characterized by drowsiness, dizziness, confusion or loss of coordination.

Ingestion: Low ingestion hazard in normal use. May cause irritation to the mouth and throat.

OSHA Hazard Classification: Irritant

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS:</u>	<u>%wt/wt:</u>	<u>CAS NUMBER:</u>	<u>ACGIH TLV TWA:</u>	<u>OSHA PEL TWA:</u>	<u>OTHER:</u>
Amorphous silica	10 - 15%	7631-86-9	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>	None
Ethyltriacetoxysilane	1 - 5%	17689-77-9	See acetic acid comment	See acetic acid comment	None
Methyltriacetoxysilane	1 - 5%	4253-34-3	See acetic acid comment	See acetic acid comment	None

Comment: Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposure.

PEL: 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm  
OSHA Hazard Classification: Irritant

#### **SECTION 4 FIRST AID MEASURES**

CALL 1-877-740-5015 or 1-303-623-5716 COLLECT

Eyes: If material gets into eyes, immediately flush eyes with plenty of water until chemical is removed. If irritation persists, get medical attention immediately.

Skin: Remove contaminated clothing immediately. Wash all exposed areas with soap and water. Get medical attention if irritation develops.

Inhalation: If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen. Administer artificial respiration if breathing has stopped. Seek immediate medical attention.

Ingestion: Never give anything by mouth to a person who is unconscious or drowsy. Get immediate medical attention by calling a Poison Control Center, or hospital emergency room. If medical advice cannot be obtained, then take the person and product to the nearest medical emergency treatment center or hospital.

#### **SECTION 5 FIRE FIGHTING MEASURES**

Flashpoint / Method: Not applicable

Flammability: LEL = Not determined, UEL = Not determined

Extinguishing: Use CO2 or foam to extinguish fire.

Media: Fire Firefighters should wear positive pressure self-contained Fighting breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.

Special Fire Fighting Procedure:

Unusual Fire and Explosion Hazards: None

Hazardous Decomposition Products: Thermal breakdown of this product during fire or very high heat may evolve the following decomposition products: silicon dioxide, oxides of carbon.

#### **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Spill or Leak Procedures: See Section 8 for required personal protective equipment. Clean up with absorbent material.

#### **SECTION 7 HANDLING AND STORAGE**

Handling: Avoid contact with eyes, skin and clothing. Do not wear contact lenses while applying this material, as acetic acid vapor may be trapped under lenses.

Storage: Store in a closed container area.

Other: No special instructions.

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

Ventilation: Local exhaust may be necessary under some handling/use conditions.

Respiratory Protection: For operations where the exposure limit may be exceeded, a NIOSH approved organic vapor respirator or supplied air respirator is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with 29 CFR 1910.134 and good industrial hygiene practice.

Skin Protection: Not normally required; in situations of extended skin contact, neoprene or other chemical resistant gloves are recommended.

Eye Protection: Wear safety glasses.

Other: Do not wear contact lenses while applying this material, as acetic acid vapor may be trapped under lenses.

**SECTION 9**

Boiling Point:	Not determined
Melting Point:	Not determined
Vapor Pressure:	Not determined
Vapor Density:	(Air = 1) > 1
Volatile Components:	< 5%
Solubility In Water:	Insoluble
pH:	Not determined
Specific Gravity:	1.04 @ 25°C
Evaporation Rate:	Not determined
Appearance:	Clear or white thick liquid
Odor:	Slight vinegar odor
Will Dissolve In:	Not determined
Material Is:	Thick liquid

**PHYSICAL AND CHEMICAL PROPERTIES****SECTION 10**

Stability:	Stable.
Conditions to Avoid:	Avoid heat, sparks, flames and other sources of ignition.
Hazardous Decomposition Products:	Silicone dioxide, carbon monoxide, carbon dioxide, traces of formaldehyde.
Incompatibility/ Materials To Avoid:	Moisture will release acetic acid vapor.
Hazardous Polymerization:	Will not occur.

**STABILITY AND REACTIVITY****SECTION 11**

Inhalation:	May cause nose and throat irritation.
Skin:	May cause irritation.
Eye:	Direct contact may cause irritation.
Ingestion:	No known hazards
Chronic Toxicity:	No known hazards
Toxicity Data:	No known hazards
Sensitization:	No known hazards
Carcinogenicity:	No known hazards
Mutagenicity:	No known hazards
Reproductive Toxicity:	No known hazards
Medical Conditions Aggravated By Exposure:	None known

**TOXICOLOGICAL INFORMATION****SECTION 12**

VOC Information:	This product emits VOC's (volatile organic compounds) in its use. Make sure that use of this product complies with local VOC emission regulations, where they exist.
VOC Level:	Not determined

**ECOLOGICAL INFORMATION****SECTION 13**

Waste Disposal:	Dispose in accordance with current local, state and federal regulations.
RCRA Hazardous Waste Number:	None

**DISPOSAL CONSIDERATIONS**



EPA Hazardous Waste  
ID Number: None  
EPA Hazard Waste Class: None

#### SECTION 14 TRANSPORTATION INFORMATION

##### DOT

Proper Shipping Name: Not applicable  
Hazard Class/Packing Group: Not applicable  
UN/NA Number: Not applicable  
Hazard Labels: Not applicable

##### IMDG

Proper Shipping Name: Not applicable  
Hazard Class/Packing Group: Not applicable  
UN Number: Not applicable  
Label: Not applicable

#### SECTION 15 REGULATORY INFORMATION

##### Hazard Category for

Section 311/312: Acute

##### Section 302 Extremely

Hazardous Substances (TPQ): This product does not contain chemicals regulated under SARA Section 302.

Section 313 Toxic Chemicals: This product contains no chemicals subject to SARA Title III Section 313 Reporting requirements.

CERCLA 103 Reportable: None

California Proposition 65: None

TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

Canadian WHMIS Classification: D2B. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

#### SECTION 16 OTHER INFORMATION

##### NFPA and HMIS:

NFPA Hazard Signal:	Health: 1	Flammability: 1	Reactivity: 0	Special: None
HMIS Hazard Signal:	Health: 1	Flammability: 1	Reactivity: 0	PPE: B

##### Disclaimer:

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