

MATERIAL SAFETY DATA SHEET

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT  
MSDS Number: 27011-001  
Version Number 1  
MSDS Date: SEP-09-2002  
Page Number: 1

-----

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: HM-270tm CONSTRUCTION SILICONE SEALANT  
HMIS Hazard Rating: Health: 1 Fire: 1 Reactivity: 0 PPE: B

Company Identification: OSI SEALANTS, INC.a Subsidiary  
of Sovereign Specialty Chems.  
7405 PRODUCTION DRIVE  
MENTOR OH 44060

Information phone/Fax: (440) 255-8900 (440) 974-8358  
Emergency Phone (24 hour) CHEMTREC  
(800) 424-9300  
Chemtrec (outside-USA) (703) 527-3887

Product Class SEALANT  
Trade Name PRO-SERIES  
Product Code 27011-xxx

Other Names: HIGH MODULUS SILICONE SEALANT

SECTION II - INGREDIENT AND HAZARD INFORMATION

Hazardous Ingredient Name	CAS Number	Percent	TSCA
ACETIC ACID **	64-19-7	< 5.0	Y
ETHYLTRIACETOXY SILANE	17689-77-9	< 5.0	Y
METHYLTRIACETOXY SILANE	4253-34-3	< 5.0	Y

Ingredient Notes:

\* Cured sealant is non-hazardous and is FDA-USDA approved for non-contact applications.

\*\* Acetic acid is not a component but is released upon curing on exposure to humid air.

-----  
SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: Non-sag caulk (various colors)

-----

MATERIAL SAFETY DATA SHEET

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT  
MSDS Number: 27011-001  
Version Number 1  
MSDS Date: SEP-09-2002  
Page Number: 2

-----

Solubility (in water): NO  
pH Value, +/- .3: Not Applicable  
Boiling Range: Not Available  
Vapor Pressure (mmHg): Not Applicable  
Evaporation Rate: Slower than n-Butyl Acetate

Vapor Density: Heavier than air

% Volatile, Weight approx. 4.%  
% Volatile, Volume approx. 5.%  
Specific Gravity: 1.052  
VOC (less H2O or exempt) under 40 g/L,3%

NOTE:

Odor: Sharp, vinegar-like odor upon curing. pH : N/A  
Physical State: Semi-solid Freeze Point : N/A

-----  
SECTION IV - FIRE FIGHTING MEASURES (Flash,UEL,LEL for solvent only)

Flammability Class IIIB  
Flash Range: over 212.øF (100.øC)  
Tag Closed Cup  
Explosive Range (LEL/UEL): Not Applicable

EXTINGUISHING MEDIA:

Carbon Dioxide---Dry Chemical---Foam---Water

SPECIAL FIRE-FIGHTING PROCEDURES:

Self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Any container may rupture when exposed to extreme heat.

Use water to cool closed containers.

-----  
SECTION V - HEALTH HAZARD DATA

ROUTES OF ENTRY:

ENTRY THROUGH...

Inhalation? Yes | Skin? Yes | Ingestion? Yes

TARGET ORGANS...

Normal Exposure -- Acetic Acid: Eye, Skin, Respiratory Tract

Overexposure -- Acetic Acid: Eye, Skin, Respiratory Tract

CARCINOGENICITY...

-----

MATERIAL SAFETY DATA SHEET

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT  
MSDS Number: 27011-001  
Version Number 1  
MSDS Date: SEP-09-2002  
Page Number: 3

-----

NTP? N/E | IARC Monographs? N/E | OSHA? N/A

EFFECS OF OVEREXPOSURE

Eyes: Can cause irritation, redness, tearing and blurred vision.  
Skin: Repeated contact with uncured product may cause irritation  
Inhalation: Moderate irritation may result from inhaling the  
Acetic acid vapors released during curing.  
Ingestion: May cause nausea and vomiting.

FIRST AID MEASURES

Eyes: Immediately flush with water for at least 15 minutes, and  
get medical attention if irritation persists.  
Skin: Remove completely with dry cloth or paper towel. Wash  
thoroughly with soap and water.  
Inhalation: Move person to fresh air; if breathing is  
difficult, administer oxygen; if breathing has  
stopped, give artificial respiration. Get medical  
attention.  
Ingestion: May be harmful depending upon quantity injected.  
Get immediate medical attention.

-----

SECTION VI - STABILITY AND REACTIVITY

Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY:

Oxidizers can cause reaction. Air and moisture causes curing  
and releases acetic acid vapors.  
CONDITIONS TO AVOID:  
Exposure to air and moisture until ready to use.  
HAZARDOUS DECOMPOSITION PRODUCTS:  
Silicone dioxide, carbon dioxide and traces of incompletely  
burned carbon products.

-----

SECTION VII - ACCIDENTAL RELEASE AND DISPOSAL MEASURES:

STEPS TO BE TAKEN IN CASE OF SPILL:

Ventilate confined areas. (Open windows and doors)  
Wipe or scrape up material and put in a sealable safety  
container. Wash walking surfaces with detergent and water to  
reduce hazard of slipping.

WASTE DISPOSAL METHOD:

Dispose of following local, state, and federal regulations.  
Cured material is non-hazardous.

-----

MATERIAL SAFETY DATA SHEET

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT  
MSDS Number: 27011-001  
Version Number 1  
MSDS Date: SEP-09-2002  
Page Number: 4

-----

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
ACETIC ACID **	10.00 PPM	N/est	N/est	N/est	10.00 PPM
ETHYLTRIACETOXY SILANE	10.00 PPM	N/est	N/est	N/est	10.00 PPM
METHYLTRIACETOXY SILANE	10.00 PPM	N/est	N/est	N/est	10.00 PPM

RESPIRATORY PROTECTION:

Use NIOSH approved respiratory protection if TLV is exceeded.

VENTILATION:

Use only in well ventilated areas.

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV.

PROTECTIVE CLOTHING:

Rubber gloves should be worn.

EYE PROTECTION:

Chemical goggles should be worn.

HANDLING AND STORAGE PRECAUTIONS:

Keep container closed when not in use.

Avoid contact with eyes and skin. Do not handle contact lenses

until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause severe eye irritation.

Keep out of reach of children.

SECTION IX - TRANSPORT INFORMATION:

DOT CLASSIFICATIONS FOR ONE GALLON AND UNDER CONTAINERS

DESCRIPTION: Non-hazardous

SECTION X - REGULATORY INFORMATION:

-----

MATERIAL SAFETY DATA SHEET

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT  
MSDS Number: 27011-001  
Version Number 1  
MSDS Date: SEP-09-2002  
Page Number: 5

-----

This material fits the EPA Hazard Category definition of Immediate (Acute) and Delayed (Chronic) Health Hazards under SARA Sections 311, 312.

SARA Section 313 toxic chemicals: None

Chemical substances have been reported to the EPA Office of Toxic Substances in accordance with the requirements of the Toxic Chemical Substance Control Act (Title 40 CFR 710).

California PROP.65 Chemicals: none known

DISCLAIMER:

The information contained herein is based on data available as of the date of preparation of this MSDS and which we believe to be reliable. However, no warranty is expressed or implied regarding the accuracy of the data. We shall not be responsible for the use of this information, or of any product, method, or apparatus mentioned, and the user must make his own investigation to determine the suitability of the information or products for his particular purpose, for the protection of the environment, and the health and safety of the users of this material.