

MATERIAL SAFETY DATA SHEET

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT
MSDS Number: 27011-000
Version Number 5
Revision Date: NOV-07-2007
Page Number: 1

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: HM-270tm CONSTRUCTION SILICONE SEALANT
HMIS Hazard Rating: Health: 2 Fire: 1 Reactivity: 0 PPE: B

Company Identification: HENKEL CORPORATION
7405 PRODUCTION DRIVE
MENTOR OH 44060

Contact (24 hour): Customer Affairs (800)321-0253
Information phone/Fax: (440) 255-8900 / (440) 974-8358
CHEMTREC Emergency (24 hour):(703) 527-3887 (International)
(800) 424-9300
in Canada CANUTEC 613-996-6666

Product Class SEALANT
Trade Name PRO-SERIES
Product Code See above

Other Names: HIGH MODULUS SILICONE SEALANT

SECTION II - INGREDIENT AND HAZARD INFORMATION

Table with 4 columns: Hazardous Ingredient Name, CAS Number, Percent, TSCA. Rows include Hydrotreated Naphtha, Silica, Amorphous (fumed), ETHYLTRIACETOXY SILANE, and METHYLTRIACETOXY SILANE.

Ingredient Notes:

- \* Cured sealant is non-hazardous
\*\* Acetic acid is not a component but is released during cure on exposure to humid air.

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: Clear Caulk
Solubility (in water): No
pH Value, +/- .3: Not Applicable
Boiling Range: Not Available
Vapor Pressure (mmHg): Not Applicable

MATERIAL SAFETY DATA SHEET

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT
MSDS Number: 27011-000
Version Number 5
Revision Date: NOV-07-2007
Page Number: 2

Evaporation Rate: Slower than n-Butyl Acetate
Vapor Density: Heavier than air
% Volatile, Weight approx. 3.%
% Volatile, Volume Not Available
Specific Gravity: 1.01825
VOC (less H2O or exempt) 32 g/L, 3.1%

NOTE:

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

SECTION IV - FIRE FIGHTING MEASURES

Flammability Class IIIB
Flash Point: over 200.°F (93.33°C)
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

Route Species Exposure and Dose

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...

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

EFFECTS 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.

MATERIAL SAFETY DATA SHEET

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT
MSDS Number: 27011-000
Version Number 5
Revision Date: NOV-07-2007
Page Number: 3

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.

Ingestion: May be harmful depending upon quantity ingested.

Get medical attention if ill effects develop.

SECTION VI - STABILITY AND REACTIVITY

Stability: Product is stable under normal storage conditions

Hazardous Polymerization: Will not occur under normal conditions

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, oxides of carbon, incompletely burned carbon products, calcium oxide.

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. Clean as appropriate to reduce hazard of slipping.

WASTE DISPOSAL METHOD:

Dispose of following local, state, and federal regulations.

Cured material is non-hazardous.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Table with 5 columns: ACGIH TLV, ACGIH TLV-C, ACGIH STEL, OSHA STEL, OSHA PEL. Rows include Hydrotreated Naphtha and Silica, Amorphous (fumed).

ETHYLTRIACETOXY SILANE

**MATERIAL SAFETY DATA SHEET**

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT  
MSDS Number: 27011-000  
Version Number 5  
Revision Date: NOV-07-2007  
Page Number: 4

---

10.00 PPM	N/est	N/est	N/est	10.00 PPM
METHYLTRIACTOXY 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: (not all sizes available)**

**GROUND TRANSPORT (DOT) - DOMESTIC**

Caulking compound, Non Regulated

**AIR TRANSPORT (DOT) - DOMESTIC**

Caulking compound, Non Regulated

**AIR TRANSPORT ( IATA ) - INTERNATIONAL**

Caulking compound, Non Regulated

**MARINE - OCEAN TRANSPORT ( IMDG )**

Caulking compound, Non Regulated

---

**SECTION X - REGULATORY INFORMATION:**

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

---

**MATERIAL SAFETY DATA SHEET**

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT  
MSDS Number: 27011-000  
Version Number 5  
Revision Date: NOV-07-2007  
Page Number: 5

-----

Chemical substances are TSCA listed.

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, apparatus mentioned, and 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 & safety of the users of this material.