

MATERIAL SAFETY DATA SHEET

MSDS Name: HM-270tm CONSTRUCTION SILICONE SEALANT
MSDS Number: 27011-001
Version Number: 3
Revision Date: SEP-27-2005
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: HENKEL CONSUMER ADHESIVES
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: 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 upon exposure to humid air.

SECTION III - PHYSICAL AND CHEMICAL PROPERTIES

Form: Non-sag caulk (various colors)
Solubility (in water): NO
pH Value, +/- .3: Not Applicable
Boiling Range: Not Available
Vapor Pressure (mmHg): Not Applicable

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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.°F (100.°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

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.
Ingestion: May cause nausea and vomiting.

FIRST AID MEASURES

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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: 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, 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

	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

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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

Chemical substances are TSCA listed.

California PROP.65 Chemicals: none known

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DISCLAIMER:

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