



Material Safety Data Sheet

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HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING:

**CAUSES SKIN IRRITATION
MAY CAUSE AN ALLERGIC SKIN REACTION
CAUSES SERIOUS EYE IRRITATION**

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
SKIN SENSITIZATION	1

PICTOGRAM(s)



Precautionary Statements

Prevention	Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.
Response	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses. If present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.
Storage	Not Prescribed
Disposal	Dispose of content and/or container according to Federal, State/Provincial and local governmental regulations.

COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*	
Dimethyl siloxane, hydroxyl-Terminated	70131-67-8	45	Not Hazardous
Calcium Carbonate	471-34-1	40	Not Hazardous
Methyltrimethoxysilane	1185-55-3	8	Irritating to eyes and skin. May cause sensitization by skin contact
Polydimethylsiloxane	9006-65-9	7	harmful

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
Skin contact	Wipe off paste with paper towel or cloth. Wash with soap and water. If skin irritation persists, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
Ingestion	Do not induce vomiting. If a person feels unwell or symptoms of skin irritation appear, consult a physician.
Symptoms	See Section 11.
Notes to physician:	Treat symptomatically.

Extinguishing media	Foam, dry chemical or carbon dioxide
Special firefighting procedures	None
Unusual fire or explosion hazards	None
Hazardous combustion products	Oxides of carbon, Formaldehyde, Oxides of silicon

ACCIDENTAL RELEASE MEATURES

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

FIRE FIGHTING MEATURES

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

HANDLING AND STORAGE

Handling	Avoid contact with eyes, skin and clothing. Do not handle contact lenses until all sealant has been removed from hands. Residual sealant may transfer to lenses and cause eye irritation.
Storage	Keep container closed. Store in a dry area below 27°C.

HANDLING AND STORAGE

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.

Ingredients	CAS No	Exposure Limits
Methyl tri(ethymethylketoxime) Silane	22984-54-9	See ethyl methyl ketoxime comments
Methyl ethyl ketoxime	96-29-7	
Di (ethyl methyl ketoxime) Methoxymethyl silane	83817-72-5	See methyl alcohol and ethyl methtl ketoxime comments
Aminoethylaminopropyltrimet hoxy Silane	1760-24-3	See methyl alcohol comments
Aminoethylaminopropyltrimet	-	See methyl alcohol comments

Engineering controls	Ensure adequate ventilation, especially in confined areas. Use local ventilation if general ventilation is insufficient to maintain vapour concentration below established exposure limits.
Respiratory protection	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Eye/face protection	Safety goggles or safety glasses with side shields
Skin protection	Use of Butyl or Nitrile Rubber gloves is recommended

PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Paste
Color	Black
Odor	Some odor
Odor threshold	No available
pH	No available
Vapor pressure	No available
Boiling point/range	No available
Melting point/range	No available
Specific gravity	1.36 at 23°c
Vapor density	Heavier than air
Flash point	>93°c
Autoignition temperature	No available
Solubility in water	No available
Solubility in water	Polymerises in presence of water
Partition coefficient (n-octanol/water)	No available
VOC content	3%; 30g/l
Viscosity	No available
Decomposition temperature	No available

PHYSICAL AND CHEMICAL PROPERTIES

Stability	Stable
Hazardous reactions	Will not occur
Hazardous decomposition products	Formaldehyde. Oxides of carbon. Oxides of silicon. Acetic acid is liberated slowly upon contact with moisture.
Incompatible materials	Bases. Oxidizing agents. Water Acids
Reactivity	Not available
Conditions to avoid	Prolonged heating at temperature above 150°c. Exposure to moisture.

TOXICOLOGICAL INFORMATION

Relevant routes of exposure	Skin, Inhalation, Eyes
Potential Health Effects/Symptoms	
Inhalation	When heated to temperatures exceeding 150°c (300°c) in the presence of air, silicone may formaldehyde vapours. Formaldehyde is a potential cancer hazard and a known skin and respiratory sensitizer. Vapors irritate the eyes, nose and throat. Safe handling condition may limit. Acetic acid produced during cure may irritate eyes, nose and throat.
Skin contact	Causes skin irritation. May cause allergic skin reaction
Eye contact	Causes serious eye irritation
Ingestion	Not expected to be harmful by ingestion. Not expected under normal conditions of use.

ECOLOGICAL INFORMATION

Ecological information: Not available

DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal	Follow all local, state, federal and provincial regulations for disposal. Cured rubber can be incinerated or land-filled following EPA and local regulations.
Hazardous waste number	Not a RCRA hazardous waste

TRANSPORT INFORMATION

The transport information provide in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

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

TRANSPORT INFORMATION

None

OTHER INFORMATION

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