



## MATERIAL SAFETY DATA SHEET

## GG-200 NON-SAG FIRESTOP

## 1. Product and Company Identification

- 1.1. Identification of the substance or preparation:  
- Not Applicable
- 1.2. Use of the substance of preparation:  
Firestop Sealant
- 1.3. Company/undertaking identification:  
TVM BUILDING PRODUCTS  
169 JARI DRIVE  
JOHNSTOWN, PA  
15904
- 1.4. Telephone number for emergency:  
24 hr. INFOTRAC: 1 - 800 - 535 - 5053

## 2. Hazards Identification

- 2.1. Eye Contact:  
- Direct contact will cause irritation
- 2.2. Skin Contact:  
- May cause moderate irritation  
- Repeated skin contact will cause allergic skin reaction
- 2.3. After Inhalation:  
- Irritates respiratory passages very slightly  
- Vapor overexposure may cause drowsiness and prolonged overexposure may injure blood and liver
- 2.4. After Ingestion:  
- Low ingestion hazard in normal use  
- Repeated ingestion may injure internally

## 3. Composition/Information on Ingredients

Hazardous Ingredients	CAS No.	Concentration (%)
Methyl Tri(methylethylketoxime)silane	22984-54-9	3.0 - 7.0
Amorphous Silica	7631-85-9	3.0 - 7.0
Calcium Carbonate	1317-65-3	15.0 - 40.0

## 4. First Aid Measures

- 4.1. Eye Contact:  
- flush with copious quantities of lukewarm water  
- Do not attempt to physically remove the solids or gums from the eye  
- Seek medical attention
- 4.2. Skin Contact:  
- Remove contaminated clothing  
- Wash thoroughly with warm water and non-abrasive soap  
- Seek medical attention if irritation persists
- 4.3. After Inhalation:  
- Remove to fresh air and provide water

- Seek medical attention if irritation persists

#### 4.4. After Ingestion:

- Seek medical attention immediately

### 5. Fire Fighting Measures

#### 5.1. Suitable extinguishing media:

- Carbon dioxide, dry chemical, water fog or foam
- Water may be used to cool fire exposed containers

#### 5.2. Special exposure hazards:

- Closed cup tested to have flash point of 212 °F (100°C)

#### 5.3. Special protective equipment for firefighters:

- Use of self-contained breathing apparatus and protective clothing
- Determine the need to evacuate or isolate the area according to your local emergency plan

### 6. Accidental Release Measures

#### 6.1. Methods of cleaning up:

- Restrict access to the area of the spill
- Provide ventilation and protective clothing
- Scrape up sealant and place in container for disposal
- Clean sealant with steam or detergent
- Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur

### 7. Handling and Storage

#### 7.1. Storage:

- Store in an adequately ventilated area under dry conditions between 50°F to 77°F (10°C to 25°C) and keep container tightly sealed when not in use

#### 7.2. Specific Uses:

- See information supplied by the manufacturer

### 8. Exposure controls/Personal protection

#### 8.1. Exposure limit values:

Methyl Tri(methylethylketoxime)silane:

OSHA Permissible Exposure Limit (PEL): 3 ppm TWA

ACGIH: 10 ppm (TLV-TWA), 10 ppm (TLV-STEL)

Amorphous Silica:

OSHA Permissible Exposure Limit (PEL): 15 mg/m<sup>3</sup> TWA

ACGIH: 10 mg/m<sup>3</sup> (TLV-TWA), 3 mg/m<sup>3</sup> respirable particulate

Calcium Carbonate:

OSHA Permissible Exposure Limit (PEL): N/A

ACGIH: 10 mg/m<sup>3</sup> (TLV-TWA)

#### 8.2. Personal Protection:

##### 8.2.1. Respiratory protection:

- Wear an organic vapor NIOSH/MSHA approved respirator
- Passive ventilation when used indoors
- Local exhaust necessary to keep exposure levels within guidelines

##### 8.2.2. Hand protection:

- Impermeable gloves

8.2.3. Eye protection:  
 - Wear eye protection with side shields

8.2.4. Skin protection:  
 - Wear appropriate work clothing or apron

## 9. Physical and Chemical Properties

### 9.1. General Information:

Physical State : Viscous liquid/paste  
 Odor and Appearance : Low odor, smooth self-leveling sealant/thixotropic sealant  
 Specific Gravity : 1.31 - 1.33  
 Vapor Pressure: : < 5 mm Hg  
 Vapor Density : > 1

## 10. Stability and Reactivity

### 10.1. Conditions to avoid/reactivity:

- Moisture/high humidity and incompatible materials

### 10.2. Materials to avoid:

- Strong oxidizing agents or electrophiles
- Concentrated acids or bases can degrade the silicone polymer

## 11. Toxicological Information

### 11.1. Acute Toxicity:

MethylTri(methylethylketoxime)silane :  
 LD50 oral rat : 2 - 3 ml/kg  
 LC50 inhalation rat : >50 mg/L/4h

Amorphous Silica:  
 LC50 oral rat : 3 160 mg/kg  
 LC50 inhalation rat : >0.139 mg/L/4h

Calcium Carbonate:  
 LC50 oral rat : 6 450 mg/kg

### 11.2. Chronic Toxicity:

- No ingredients considered by IARC, NTP or OSHA to be carcinogens
- Male rodents exposed to Methyl Ethyl Ketoxime vapor throughout their lifetime developed liver carcinomas
- Carcinomas were statistically increased at a concentration of 375 ppm

11.3. Routes of Exposure: inhalation, eyes and skin

11.4. Acute effects/symptoms (upon overexposure):

After inhalation:

- curing vapor, Methyl Ethyl Ketoxime may cause drowsiness, injure blood, liver and may irritate or harm nose, throat, lungs and eyes

After eye contact:

- Irritation of the eyes

After Skin Contact:

- Allergic skin sensitization possible through repeated direct contact with the ketoxime in the uncured sealant

#### 11.5. Chronic Effects

On continuous exposure/contact:

- Not known to cause reproductive, teratogenicity or mutagenicity problems

### 12. Ecological Information

#### 12.1. Ecotoxicity:

- No known ecotoxicity hazard

#### 12.2. Mobility:

- No known mobility hazard

For other physicochemical properties see section 9

### 13. Disposal Considerations

#### 13.1. Provisions relating to waste:

- Dispose in accordance with Federal, State/Provincial and local regulations

### 14. Transport Information

GG-200 is not regulated for any form of transport.

### 15. Regulatory Information

#### 15.1. TSCA Inventory Status:

- Chemical components listed on TSCA inventory except as exempted

#### 15.2. NFPA Profile:

- Health 2, Flammability 1, Reactivity 0

#### 15.3. SARA TITLE III Chemical Listings:

- Section 312 Hazard Class: Acute - Yes, Chronic - Yes, Fire - No, Pressure - No, Reactive - No

#### 15.4. State Substance List:

This product contains a listed substance(s) that appears on one or more of the Substance Lists for Pennsylvania, Massachusetts and New Jersey: amorphous silica, calcium carbonate, methyl tri(methylethylketoxime)silane, dimethylsiloxane, hydroxyl terminated, and dimethylsiloxane, trimethylsiloxy terminated.

#### 15.5. Volatile Organic Content:

- 25 grams per liter (0.21 lb/gallon), 2.0% by weight (meets California Air Resources Board VOC standard for sealants and caulking compounds (12/31/2002).

#### 15.6. Domestic Substance List:

- Chemical components listed on DSL as exempted

### 16. Other Information

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for each material used in combination with any other material or in any process, unless specified in the text.