

**MATERIAL SAFETY DATA SHEET****TVM 136 DRAFT STOP****1. Product and Company Identification**

- 1.1. Identification of the substance or preparation:
- Not Applicable
- 1.2. Use of the substance or preparation:
- 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 may cause severe irritation. Symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea and impaired vision
- 2.2. Skin Contact:
- May cause severe irritation
- Symptoms: localized redness, swelling, itching, dryness, cracking, blistering and pain
- 2.3. Inhalation:
- Upper respiratory tract irritation
- May cause coughing, sneezing, nasal discharge, headache, hoarseness, nose and throat pain
- 2.4. Ingestion:
- Gastrointestinal irritation
- Symptoms: abdominal pain, nausea, diarrhea and vomiting

3. Composition/Information on Ingredients

Hazardous Ingredients	CAS No.	Concentration (%)
Amorphous Silica	7631-86-9	0 - 0.05
Silica, Quartz	14808-60-7	1.0 - 5.0
Mica	12001-26-2	15.0 - 40.0
Sodium Silicate	1344-09-8	40.0 - 70.0
Sodium Hydroxide	1310-73-2	1.0 - 5.0

4. First Aid Measures

- 4.1. Eye Contact:
- Flush with plenty of water, do not attempt to physically remove the solids from the eye
- Seek medical attention
- 4.2. Skin Contact:
- Rinse thoroughly with plenty of 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
- 4.4. After Ingestion:
- Provide water, DO NOT induce vomiting
 - Seek medical attention

5. Fire Fighting Measures

- 5.1. Suitable extinguishing media:
N/A
- 5.2. Special exposure hazards:
N/A
- 5.3. Instructions:
N/A
- 5.4. Special protective equipment for firefighters:
N/A

6. Accidental Release Measures

- 6.1. Environmental precautions:
N/A
- 6.2. Methods of cleaning up:
- Restrict access to the area of the spill
 - Provide respiratory protection and protective clothing
 - Remove material mechanically and place in container for disposal
 - Dispose of according to local state, provincial, federal laws and regulations

7. Handling and Storage

- 7.1. Handling:
N/A
- 7.2. Storage:
- Store in well ventilated area under dry conditions between 50°F (10°C) and 77°F (25°C)

8. Exposure controls/Personal protection

- 8.1. Exposure limit values:
- Amorphous Silica:
OSHA Permissible Exposure Limit (PEL): 20 mppcf TWA
ACGIH: 10 mg/m³ (TLV-TWA)
- Silica, Quartz:
OSHA Permissible Exposure Limit (PEL): 20 mppcf TWA
ACGIH: 0.01 mg/m³ (TLV-TWA)
- Mica:
OSHA Permissible Exposure Limit (PEL): 20 mppcf TWA
ACGIH: 3 mg/m² (TLV-TWA)
- Sodium Silicate:
OSHA Permissible Exposure Limit (PEL): N/A
ACGIH: 5 mg/m³ (TLV-TWA)
- Sodium Hydroxide

OSHA Permissible Exposure Limit (PEL): 2 mg/m³ TWA
ACGIH: 2 mg/m³ (TLV-TWA)

8.2. Exposure Controls:

- 8.2.1. Occupational exposure controls:
- Ensure adequate ventilation

8.3. Personal Protection:

- 8.3.1. Respiratory protection:
- Respirator recommended when material is used in poorly ventilated areas
- 8.3.2. Hand protection:
- Impermeable gloves
- 8.3.3. Eye protection:
- Safety glasses with side protection
- 8.3.4. Skin protection:
- Adequate protective clothing

9. Physical and Chemical Properties

9.1. General Information:

Physical State:	: Thick Paste
Odor and Appearance	: Low odor, red paste
Specific Gravity	: 1.91

9.2. Important Health, safety and environmental information:

Boiling Point	: 212°F (100°C)
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10. Stability and Reactivity

10.1. Conditions to avoid/reactivity:

N/A

10.2. Materials to avoid:

N/A

10.3. Hazardous decomposition products:

N/A

11. Toxicological Information

11.1. Chronic Toxicity:

- Respirable quartz silica from occupational sources is listed by IARC as a human carcinogen

11.2. Routes of Exposure: inhalation, eyes and skin

11.3. Acute effects/symptoms (upon overexposure):

After inhalation:

- Difficulty in breathing, coughing, wheezing, weakness, increased heart rate, bluish colored skin, sputum production and changes in lung functions

After eye contact:

- Irritation to the eye

After Skin Contact:

- Irritation to the skin

12. Ecological Information

N/A

13. Disposal Considerations

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

14. Transport Information

- Not regulated for any form of international transportation

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 304 CERCLA Hazardous Substances: This product contains the following toxic chemicals which are subject to reporting: 1% by weight Caustic Soda
- Section 312 Hazard Class: Acute: Yes; Chronic: No; Fire: No; Reactive: No
- Section 313 Toxic Chemicals: This product contains the following toxic chemicals which are subject to reporting: 1% by weight Caustic Soda

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: sodium hydroxide, sodium silicate, mica, quartz silica and amorphous silica

15.5. WHMIS Classification:

- D2A, D2B

15.6. Domestic Substance List:

- Chemical components listed on DSL except 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.