



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

Identification of the Mixture:

Trade / Material Name: **SmokeBlock 136**
Intended Use: Fireblock & Draftstop Caulk

Supplier Name:

Address: **Specified Technologies, Inc.**
210 Evans Way
Somerville, New Jersey 08876
Business Phone: 1-908-526-8000
Emergency Phone: 1-800-255-3924 (24 hrs)
Email: techserv@stifiarestop.com

2. HAZARD IDENTIFICATION

Mixture Classification: Eye Irritant - Category 1
Skin Irritant - Category 1
Carcinogenicity - Category 1
Specific Target Organ Toxicity (Repeat Exposure) - Category 1

Signal Word: Danger

Pictograms:



Hazard Statements: May cause cancer by inhalation
Causes damage to lungs prolonged or repeated exposure by inhalation
Causes skin irritation
Causes serious eye irritation

Precautionary Statements:

- Prevention:** Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust.
Wash hands thoroughly after handling this product.
Do not eat, drink, or smoke when using this product.
Wear eye protection/face protection.
Wear protective gloves when handling products.
- Response:** Get medical advice/attention if exposed or concerned
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advised/attention.
- Storage:** Store in a controlled manner.
- Disposal:** Dispose of waste material in accordance with local regulations.

3. COMPOSITION and INFORMATION ON INGREDIENTS

Hazardous Components:

Chemical name	CAS No.	Hazard classification:	Concentration in Product
Crystalline Silica	14808-60-7	Carcinogenicity – 1 STOT-RE (Lung) - 1	< 2 %
Silicic acid, sodium salt	1344-09-8	Eye Irritant - 2 Skin Irritant - 2	15-20%

4. FIRST-AID MEASURES

- Inhalation: If dust is inhaled, remove person to fresh air. Seek medical attention if adverse effect continues after removal to fresh air.
- Skin contact: If on skin: Wash with plenty of water.
If skin irritation occurs: Get medical advised/attention.
- Eye contact: If this product contaminated the eyes, rinse eyes under gently running water. Use sufficient force to open eyelids and the "roll" eyes while flushing. Minimum flushing is 20 minutes
If eye irritation persists: Get medical advice/attention.
- Ingestion: If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, DO NOT INDUCE VOMITING. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow.

Medical conditions aggravated by exposure: Pre-existing respiratory disorders may be aggravated by overexposures to this product.

5. FIRE-FIGHTING MEASURES

Fire extinguishing media: Use extinguishing materials suitable for the surrounding area.

Unusual fire and explosion hazards: This product is formulated to be non-flammable and non-combustible. When involved in a fire, this material may decompose and produce irritating vapors and toxic gases.

Explosion Sensitivity to Mechanical Impact: Not sensitive.

Explosion Sensitivity to Static Discharge: Not sensitive.

6. ACCIDENTAL RELEASE MEASURES

Under normal handling conditions an accidental release is highly unlikely.

Personal precautions: Uncontrolled releases should be responded to by trained personnel.

Environmental Precautions: Avoid release to the environment. Run-off water may be contaminated by other materials and should be contained to prevent possible environmental damage.

7. HANDLING and USE

Precautions for Safe Handling: As with all chemicals, avoid getting this material ON YOU or IN YOU. Do not eat, drink, smoke, or apply cosmetics while handling this product. Wash hands thoroughly after handling this product or containers of this product. Avoid breathing fumes or vapors generated by this product. Use in a well-ventilated location.

Conditions for Safe Storage: Store containers in a cool, dry location, away from direct sunlight, sources of intense heat. Do not store above 55°C (131°F).

Specific End Use(s): This product is used as a sealant. Follow industry standards for use of this product.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

Ventilation and Engineering Controls: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below (if applicable). Exhaust directly to the outside, taking necessary precautions for environmental protection.

Workplace Exposure Limits/Control Parameters:

CHEMICAL NAME	CAS #	EXPOSURE LIMITS IN AIR				
		ACGIH-TLVs	OSHA-PELs		NIOSH-REL	
		TWA	TWA	Action Level	TWA	STEL
Crystalline Silica	14808-60-7	25 µg/m ³	50 µg/m ³	25 µg/m ³	50 µg/m ³ as respirable dust	Not Established
Silicic acid, sodium salt	1344-09-8	Not Established	Not Established	Not Established	Not Established	Not Established

During normal handling of Smoke Block:

Respiratory Protection: Respiratory protection is not required for normal use. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye Protection: Wear splash goggles or safety glasses and a flash shield as appropriate for the task.

Hand Protection: Wear chemical resistant gloves (glove materials: Neoprene, Nitrile, or Butyl Rubber).

Skin Protection: Use appropriate protective clothing to minimize exposure to skin.

9. PHYSICAL and CHEMICAL PROPERTIES

Form: Paste.

Odor: Mild

Flammable Limits (in air by volume, %): No data applicable.

Decomposition Temperature: No data available.

Auto ignition Temperature: No data available.

Freezing / Melting Points: No data available.

Vapor Pressure: No data available.

Vapor Density (air = 1): No data available.

Evaporation Rate (n-BuAc = 1): > 1

Solubility in Water: Soluble.

Coefficient Waster/Oil Distribution: No data available

Color: Red

Odor Threshold: No data available

Oxidizing Properties: No data available

Percent Volatile: 35 - 37

Flash point: Not Applicable

Boiling Point: > 100°C (> 212°F)

Specific Gravity (water = 1): 1.71

CARB VOC: 0.0 wt % (calc.)

VOC (U.S. EPA Method 24): < 2.0 g/L

Solubility in Solvent: No data available

pH: Not available.

10. STABILITY and REACTIVITY

Chemical Stability: This product is stable when properly stored at normal temperature and pressures.

Decomposition Products:

Combustion: If exposed to extremely high temperatures, thermal decomposition may generate irritating fumes and toxic gases (e.g. Carbon monoxide, carbon dioxide, and silicone oxides).

Materials with which substance would be incompatible: This product is incompatible with strong oxidizers.

Possibility of hazardous polymerization or reaction: Will not occur.

Conditions to avoid: Avoid exposure to or contact with extreme temperatures and incompatible chemicals.

11. TOXICOLOGICAL INFORMATION

General information: Information included in this section described the potential hazards of the hazardous components listed in section 2.

Inhalation: Inhalation of dusts may cause irritation of the nose, throat, and lungs and cause coughing. Due to the form of this product it is not expected to produce dust under normal use. This product contains trace amounts of a suspected human carcinogen by inhalation; however, this hazard is not expected to be significant due to viscosity and consistency of the mixture.

Carcinogenicity: Components of this product are listed by agencies tracking the carcinogenic potential of chemical compounds, as follows:

CRYSTALLINE SILICA: ACGIH-TLV-A2 (Suspected Human Carcinogen); IARC-1 (Carcinogenic to Humans); NIOSH-CA (Potential Occupational Carcinogen with no Further Categorization); NTP-K (Known to Be a Human Carcinogen); MAK-1 (Substances that Cause Cancer in man and Can Be Assumed to Make a Significant Contribution to Cancer Risk).

Contact with Skin or Eyes: Direct eye contact may cause irritation, redness, and tearing from mechanical irritation. Prolonged and repeated skin exposure may cause dermatitis (dry skin).

Skin Absorption: Components are not known to be absorbed through intact skin.

Ingestion: Ingestion is not a significant route of occupational exposure and is unlikely to occur.

12. ECOLOGICAL INFORMATION

Mobility in soil: No data available.

Persistence and Biodegradability: No data available

Bio-Accumulation Potential: No data available

Ecotoxicity: No data available

Environmental Exposure Controls: Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in accordance with local, state, and federal laws and regulations.

14. TRANSPORTATION INFORMATION

DOT (US): This product is not classified as dangerous goods.

IATA: This product is not classified as dangerous goods.

IMDG: This product is not classified as dangerous goods.

15. REGULATORY INFORMATION

U.S. SARA Reporting Requirements: This product is not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA Threshold Planning Quantity (TPQ): There are no specific Threshold Planning Quantities for components. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA Reportable Quantity (RQ): Not applicable.

U.S. TSCA Inventory Status: Components of this product are listed on the TSCA Inventory.

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): The Crystalline Silica component (airborne, unbound particles of respirable size) is found on the Proposition 65 List of chemicals known to the state to cause cancer. However due to the form of the product, the Proposition 65 warning for this component is not applicable.

16. OTHER INFORMATION

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Specified Technologies, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use.

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REVISION DETAILS: Revised Proposition 65 statement.