



# SAFETY DATA SHEET

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

### Identification of the Mixture:

Trade / Material Name: **Spec Seal® CP 100 Connection Protection for Undermount Curtain Wall Anchors**  
Intended Use: Connection Fire Protection for Curtain Wall Anchors

### Supplier Name:

**Specified Technologies, Inc.**

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

## 2. HAZARD IDENTIFICATION

Classification: Carcinogenicity- Category 2

Signal Word: Warning

Pictograms:



Hazard Statements: May cause cancer by inhalation

### Precautionary Statements:

- Prevention:** Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust. Respiratory protection is not required for normal use.
- Response:** Get medical advice/attention if exposed or concerned
- 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
Refractories, Fibers, Aluminosilicate	142844-00-6	Carcinogenicity – 2	76-83
Glass, oxides, chemicals	65997-17-3	Not a hazardous substance	14-24
Amorphous silica	68909-20-6	Not a hazardous substance	0.5 – 1.0

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## 4. FIRST-AID MEASURES

Inhalation:	If particulates are inhaled, remove person to fresh air. Seek medical attention if adverse effect continues after removal to fresh air.
Skin contact:	Handling of this material may generate mild mechanical temporary skin irritation. If this occurs, rinse affected areas with water and wash gently. Do not rub or scratch exposed skin.
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. Do not rub eyes
Ingestion:	Ingestion is not anticipate with normal use of the product.

Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure. These effects are usually temporary. Skin and respiratory effects are the result of temporary, mild mechanical irritation; fiber exposure does not result in allergic manifestations.

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## 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.

Explosion Sensitivity to Mechanical Impact: Not sensitive.

Explosion Sensitivity to Static Discharge: Not sensitive.

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## 6. ACCIDENTAL RELEASE MEASURES

Under normal handling conditions an accidental release is highly unlikely. Minimize airborne dust. Compressed air or dry sweeping should not be used for cleaning.

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.

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## 7. HANDLING and USE

Precautions for Safe Handling: Handle product carefully to minimize airborne dust. Limit use of power tools unless in conjunction with local exhaust ventilation. Use hand tools whenever possible.

Conditions for Safe Storage: Store in a manner to minimize airborne dust

Specific End Use(s): This product is used for fire protection for connections. Follow industry standards for use of this product.

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## 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).

Workplace Exposure Limits/Control Parameters:

CHEMICAL NAME	CAS #	EXPOSURE LIMITS IN AIR			
		ACGIH-TLVs TWA	OSHA-PELs TWA	CAL-OSHA TWA	NIOSH-REL TWA
Refractory Ceramic Fiber (RCF)	142844-00-6	0.2 f/cc	15 mg/m <sup>3</sup> Inert or Nuisance Dust	0.2 f/cc	0.5 f/cc
Glass, oxide, chemicals	65997-17-3	1 f/cc Continuous filament glass fibers	15 mg/m <sup>3</sup> Inert or Nuisance Dust	1 f/cc Synthetic Vitreous Fibers	3 f/cc Fibers with diameter equal to or less than 3.5 µm, and length equal to or greater than 10 µm:
Amorphous silica	68909-20-6	10 mg/m <sup>3</sup> PNOS <sup>1</sup>	15 mg/m <sup>3</sup> Inert or Nuisance Dust	6 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>

<sup>1</sup>PNOS – Particles Not Otherwise Specified (inhalable particles)

During normal handling of SpecSeal® Under Mount Curtain Wall Anchor Protector:

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 as appropriate for the task.

Hand Protection: Wear chemical resistant gloves.

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

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## 9. PHYSICAL and CHEMICAL PROPERTIES

Form: Ceramic Box/Fiber Blanket

Odor: None

Flammable Limits (in air by volume, %): Not applicable.

Decomposition Temperature: No data available.

Auto ignition Temperature: Not applicable.

Freezing / Melting Points: 1760 °C

Vapor Pressure: Not applicable.

Vapor Density (air = 1): Not applicable.

Solubility in Water: Insoluble.

Coefficient Waster/Oil Distribution: Not applicable

Color: White

Odor Threshold: Not applicable

Oxidizing Properties: No data available

Percent Volatile: Not applicable

Flash point: Not applicable

Boiling Point: Not applicable

Specific Gravity (water = 1): solid

Evaporation Rate (n-BuAc = 1): Not applicable

Solubility in Solvent: Insoluble

pH: Not applicable.

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## 10. STABILITY and REACTIVITY

Chemical Stability: This product is non-reactive.

Decomposition Products: None

Materials with which substance would be incompatible: This product is non-reactive.

Possibility of hazardous polymerization or reaction: Will not occur.

Conditions to avoid: Handle product carefully to minimize airborne dust. Limit use of power tools unless in conjunction with local exhaust ventilation. Use hand tools whenever possible.

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## 11. TOXICOLOGICAL INFORMATION

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

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

**Refractory Ceramic Fibers:** ACGIH-TLV-A2 (Suspected Human Carcinogen); IARC-2B (Possibly Carcinogenic to Humans); NIOSH-CA (Potential Occupational Carcinogen with no Further Categorization); NTP-R (reasonably anticipated to be a carcinogen);

Contact with Skin or Eyes: Direct eye contact may cause irritation, redness, and tearing from mechanical irritation.

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.

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## 12. ECOLOGICAL INFORMATION

Mobility in soil: No data available.

Persistence and Biodegradability: These products are insoluble materials that remain stable over time and are chemically identical to inorganic compounds found in the soil and sediment; they remain inert in the natural environment.

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.

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## 13. DISPOSAL CONSIDERATIONS

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

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## 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.

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## 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 not required to be listed on the TSCA Inventory (TSCA Articles).

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65): "Ceramic fibers (airborne particles of respirable size)" component is on the California Proposition 65 lists. **WARNING!** This product contains a compound known to the State of California to cause Cancer.

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## 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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