



# SAFETY DATA SHEET

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

### 1.1 Identification of the Mixture:

Trade Name: SpecSeal® Series SSS Sealant  
Product Name: SpecSeal® Series SSS Sealant  
EC No.: Not Registered (or Not Subject to Registration)

### 1.2 Relevant Identified Uses of the substance and uses advised against:

Intended Use: Firestop and Sound Transmission

### 1.3 Details of the Supplier of the Safety Data Sheet:

Supplier Name: **Specified Technologies, Inc.**  
Address: 210 Evans Way  
Somerville, New Jersey 08876, USA  
Business Phone: 1-908-526-8000  
Email: [techserv@stifirestop.com](mailto:techserv@stifirestop.com)

### 1.4 Emergency Telephone Number of Supplier

Emergency Phone: USA 1-800-255-3924 (24 hrs)  
International: +1-813-248-0585 (collect-24 hrs)

Hours of Operation: 24 Hours  
Language: English

## 2. HAZARD IDENTIFICATION

### 2.1 Classification of substance or mixture

This product is not a hazardous mixture as defined by the criteria established by the OSHA Hazard Communication Standard (29 CFR 1910.1200) and of the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

#### 2.1.2 Classification according to Directive EC 67/548/EEC or 1999/45/EC as amended

This product does not meet the criteria for classification in any hazard class according to Directive EC 67/548/EEC or 1999/45/EC as amended on classification, labelling and packaging of substances and mixtures.

### 2.2 Label Elements

Label in accordance with (EC) No. 1272/2008: Not classified  
Label in accordance with 1999/45/EC: Not classified

### 2.3 Other Hazards

This product does not contain any PBT or vPvB substances.

## 3. COMPOSITION and INFORMATION ON INGREDIENTS

### 3.1 Mixture Composition

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

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## 4. FIRST-AID MEASURES

### 4.1 Description of first aid measures

Inhalation:	Not anticipate based on product form If vapours are inhaled, remove person to fresh air.
Skin contact:	If mechanical irritation occurs, remove contaminated clothing and wash skin gently with soap and water.
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
Ingestion:	If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTRE 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.

### 4.2 Most important symptoms and effects, both acute and delayed

Contact with skin, eyes, and upper respiratory system may cause mechanical irritation.

### 4.3 Indication of any immediate medical attention and special treatment needed

If any adverse reaction or discomfort continues from any of the above exposures, seek professional medical advice.

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## 5. FIRE-FIGHTING MEASURES

### 5.1 Fire extinguishing media

#### 5.1.1 Suitable extinguishing media

Water, foam, carbon dioxide (CO<sub>2</sub>), and dry powder

#### 5.1.2 Unsuitable extinguishing media

Not available

### 5.2 Special hazards arising from the substance or mixture

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.

### 5.3 Advice for Firefighters

In large fires in poorly ventilated areas involving packaging materials respiratory protection / breathing apparatus may be required.

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment, and emergency procedures

#### 6.1.1 For non-emergency personnel

Under normal handling conditions an accidental release is highly unlikely. Uncontrolled releases should be responded to by trained personnel.

#### 6.1.2 For emergency personnel

Use personal protection recommended in Section 8 of the SDS

### 6.2 Environmental Precautions

The product should not be released into nature but collected and delivered according to agreement with local authorities and practices.

### 6.3 Methods and material for containment and clean up

In dusty environments, use vacuum equipment where possible to minimize dust levels.

### 6.3 References to other sections

For personal protection see section 8. For waste disposal see section 13.

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## **7. HANDLING and USE**

### 7.1 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.

### 7.2 Conditions for Safe Storage, including any incompatibilities

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

### 7.3 Specific End Use(s)

This product is used as a sealant. Follow industry standards for use of this product.

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## **8. EXPOSURE CONTROLS and PERSONAL PROTECTION**

### 8.2 Exposure Controls – During normal handling of SpecSeal® SSS Sealant

#### 8.2.1 Appropriate Engineering Controls

Engineering measures: Maintain sufficient mechanical or natural ventilation to that dust levels remain low. Use local exhaust if necessary. Power equipment should be equipped with properly designed dust collection devices.

#### 8.2.2 Personal protection equipment

Eye/face Protection: Wear safety glasses as appropriate for the task.

Skin Protection: Minimize direct contact with skin. Wear chemical resistant gloves if needed to minimize contact with the product.

Other Skin Protection: After contact with the product, rinse skin in cold water to reduce potential effects of mechanical itching

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).

Thermal Hazards: Combustion: If exposed to extremely high temperatures, thermal decomposition may generate irritating fumes and toxic gases (e.g., aluminum, calcium, carbon, and sulfur oxides, and acrylic monomers).

#### 8.2.3 Environmental exposure controls

This product should not be released into the environment. Controls should be engineered to prevent release to the environment, include procedures to prevent spills and releases to waterways.

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## 9. PHYSICAL and CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Form: Paste.

Odor: Mild acrylic.

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: Insoluble.

Coefficient Waster/Oil Distribution: No data available

Color: Red

Odor Threshold: No data available

Oxidizing Properties: No data available

Percent Volatile: 20

Flash point: 320°C (608°F)

Boiling Point: > 100°C (> 212°F)

Specific Gravity (water = 1): 1.24

CARB VOC: 0.4 wt % (calc.)

SCAQMD (U.S. EPA Method 24): 29.2 gm/L

Solubility in Solvent: No data available

pH: Not available.

### 9.2 Other information

No additional properties information available

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## 10. STABILITY and REACTIVITY

### 10.1 Reactivity

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

### 10.2 Chemical stability

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

### 10.3 Possibility of hazardous reactions

This product is incompatible with strong oxidizers.

### 10.4 Conditions to avoid

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

### 10.5 Incompatible materials

This product is incompatible with strong oxidizers.

### 10.6 Hazardous decomposition products

None in normal conditions of use.

**Combustion:** If exposed to extremely high temperatures, thermal decomposition may generate irritating fumes and toxic gases (e.g., aluminum, calcium, carbon, and sulfur oxides, and acrylic monomers).

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## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute Toxicity: No data were identified for the product.

Serious eye damage/irritation: Direct eye contact may cause irritation, redness, and tearing from mechanical irritation.

Skin Corrosion/Irritation: Prolonged and repeated skin exposure may cause dermatitis (dry skin).

Respiratory or skin sensitization: Inhalation of vapors 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 vapors.

Germ cell mutagenicity: No data were identified for this product.

Carcinogenicity: No data were identified for this finished product.  
Reproductive Toxicity: No data available for this product.  
Developmental Effects: No data were identified for this product.  
STOT - Single exposure: No data were identified for this product.  
STOT - Repeated exposure: No data were identified for this product.  
Aspiration hazard: Not relevant

Likely Routes of exposure:

Ingestion: Ingestion is not a significant route of occupational exposure and is unlikely to occur.  
Inhalation: Due to the form of this product it is not expected to produce vapors.  
Respiratory protection is not required for normal use.  
Eye contact: Direct eye contact may cause irritation, redness, and tearing from mechanical irritation  
Symptoms associated with exposure: Contact with skin, eyes and upper respiratory system may cause mechanical irritation.

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## 12. ECOLOGICAL INFORMATION

This material does not meet the criteria of environmentally hazardous according to the criteria of the UN Model Regulations (as reflected in the IMDG Code, ADR, RID, and ADN) and is not listed in Annex III under MARPOL 73/78.

### 12.1 Toxicity

This product is not ecotoxic to air, water or soil, by composition.

### 12.2 Persistence and Biodegradability

This product has not been tested for persistence or biodegradability. The mineral components are not expected to biodegrade to great extent.

### 12.3 Bioaccumulation Potential

This product has not been tested for bio-accumulation potential.

### 12.4 Mobility in soil

This product has not been tested for mobility in soil.

### 12.5 Results of PBT and vPvB assessment

Not relevant.

### 12.6 Other adverse effects:

None known.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

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

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## 14. TRANSPORTATION INFORMATION

### 14.1 UN Number

Not regulated

### 14.2 UN proper shipping name

Not regulated

### 14.3 Transportation hazard class(es)

This product is not classified as dangerous goods under rules of IATA.

#### 14.4 Packing group

Not regulated

#### 14.5 Environmental hazards

Not regulated

#### 14.6 Special precautions for user

Not regulated

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

This material does not meet the criteria of environmentally hazardous according to the criteria of the UN Model Regulations (as reflected in the IMDG Code, ADR, RID, and ADN) and is not listed in Annex III under MARPOL 73/78.

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## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulations:	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulations (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
National regulations (Germany):	
Restrictions of occupation:	Not relevant
Störfallverordnung (12.BImSchV):	Not relevant
Wassergefährdungsklasse (water hazard class):	Not relevant
Technische Anleitung Luft (TA-Luft):	Not relevant
Other regulations, restrictions and prohibition regulations:	Not relevant

### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this product.

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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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