



SAFETY DATA SHEET

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

1.1 Identification of the Mixture:

Trade/Product Name: MPACT Filler Blanket

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

Intended Use: Insulation Fire Barrier

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier Name: STI Marine Firestop: A division of **Specified Technologies Inc.**
Address: 210 Evans Way
Somerville, New Jersey 08876, USA
Business Phone: 1-800-992-1180
Email: techserv@stifirestop.com

1.4 Emergency Telephone Number of Supplier

Emergency Phone:
U.S., Canada: 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

GHS Label Elements, including precautionary statements: Not classified as hazardous substance or mixture.

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 Composition

Name	CAS No.	EC No.	% Weight	Classification according to:	
				Regulation (EC) No 1278/2008 (CLP)	67/548/EEC
Vitreous Silicate Glass, oxide, chemicals	65997-17-3	266-046-0	100	Not Classified	Not Classified

4. FIRST-AID MEASURES

4.1 Description of first aid measures

Inhalation:	Remove from exposure. Rinse throat and clear dust from airways.
Skin contact:	If mechanical irritation occurs, remove contaminated clothing and wash skin gently with soap and water.
Eye contact:	Rinse abundantly with water for at least 15 minutes
Ingestion:	Drink plenty of water if accidentally ingested.

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.

5. FIRE-FIGHTING MEASURES

5.1 Fire extinguishing media

5.1.1 Suitable extinguishing media

Water, foam, carbon dioxide (CO₂), and dry powder

5.1.2 Unsuitable extinguishing media

Not available

5.2 Special hazards arising from the substance or mixture

Products do not pose a fire hazard in use; however, some packaging materials or gases may be combustible. Products of combustion from product and packaging – carbon dioxide, carbon monoxide and some traces of gasses such as ammonia, nitrogen oxides and volatile organic substances.

5.3 Advice for Firefighters

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

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.
Minimize airborne dust. Compressed air or dry sweeping should not be used for cleaning.

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.

7. HANDLING and USE

7.1 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.

7.2 Conditions for Safe Storage, including any incompatibilities

Store in a manner to minimize airborne dust.

7.3 Specific End Use(s)

This product is for use as an insulation. Follow industry standards for use of this product.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

8.2 Occupational Exposure Limits

CHEMICAL NAME	CAS #	EXPOSURE LIMITS IN AIR		
		ACGIH-TLVs	OSHA-PELs	NIOSH-REL
		TWA	TWA	TWA
Glass, oxide, chemicals	65997-17-3	1 f/cc Continuous filament glass fibers	15 mg/m ³ Inert or Nuisance Dust	3 f/cc Fibers with diameter equal or less than 3.5 µm; and length equal to or greater than 10 µm:

8.2 Exposure Controls

8.2.1 Appropriate Engineering Controls

Engineering measures: Maintain sufficient mechanical or natural ventilation to assure fiber concentrations 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: Use glasses or goggles when working with mineral wool insulation above shoulder height or in dusty environments.

Skin Protection: Minimize direct contact with skin in order to prevent mechanical itching

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

Respiratory Protection: Maintain airborne contaminant concentrations below exposure limits listed above. If warranted, use suitable respiratory protection (such as NIOSH approved particulate respirator).

8.2.3 Environmental Exposure Controls

Not relevant

9. PHYSICAL and CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Solid
Form:	Blanket
Color:	Off White
Odor:	Odorless
Odor Threshold	Not relevant
pH	Not relevant
Melting point / freezing point	> 1193 °C
Initial boiling point and freezing point range:	Not relevant
Flash point:	Not relevant
Auto ignition temperature:	Not relevant
Flammability (solid / gas):	Not relevant
Flammability limit – lower (%):	Not relevant
Flammability limit – upper (%):	Not relevant
Vapor pressure:	Not relevant
Vapor density:	Not relevant
Evaporation rate:	Not relevant
Relative density:	Not relevant
Partition coefficient (n-octanol / water):	Not relevant
Solubility:	General chemically inert and insoluble in water
Decomposition temperature (°F):	Not relevant
Viscosity:	Not relevant
Explosive Properties	Not relevant
Oxidizing Properties	Not relevant

9.2 Other information

None relevant

10. STABILITY and REACTIVITY

10.1 Reactivity

None

10.2 Chemical stability

Stable

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

None expected

10.5 Incompatible materials

None expected

10.6 Hazardous decomposition products

Not applicable.

Contains no organic compounds that would oxidize during decomposition.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity:	No data were identified for the product as a whole. Data are for constituents: Product name: Vitreous Silicate Result - LD50 Species - N/A. Dose - N/A. Exposure - N/A.
Serious eye damage/irritation:	May cause mechanical irritation to eyes.
Skin Corrosion/Irritation:	May cause mechanical irritation to skin.
Respiratory or skin sensitization:	No data were identified for this product or its constituents.
Germ cell mutagenicity:	No data were identified for this product or its constituents.
Carcinogenicity:	IARC classification listed: Group 3, not classifiable as carcinogenic to humans DGF MAK-3B: Substances which cause concern that they could be carcinogenic for man but which cannot be assessed conclusively because of lack of data. In vitro tests or animal studies have yielded evidence of carcinogenicity which is not sufficient for classification of the substance in one of the other categories. The classification in category 3 is provisional. Further studies are required before a final classification can be made. ACGIH Group A3: Confirmed animal carcinogen with unknown relevance to humans
Reproductive Toxicity:	No data available for this product or its constituents.
Developmental Effects:	No data were identified for this product or its constituents.
STOT - Single exposure:	No data were identified for this product or its constituents.
STOT - Repeated exposure:	No data were identified for this product or its constituents.
Aspiration hazard:	Not relevant
Likely Routes of exposure:	
Ingestion:	Not likely under usual work practices.
Inhalation	Mechanical irritation to upper respiratory tract.
Eye contact:	Mechanical irritation to eyes.
Symptoms associated with exposure :	Contact with skin, eyes and upper respiratory system may cause mechanical irritation.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

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

12.2 Persistence and Biodegradability

Inert inorganic product

12.3 Bioaccumulation Potential

This product has not been tested, but is not expected to bioaccumulate.

12.4 Mobility in soil

Not considered mobile.

12.5 Results of PBT and vPvB assessment

Not relevant.

12.6 Other adverse effects:

None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

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

14. TRANSPORTATION INFORMATION

14.1 UN Number

Not regulated

14.2 UN proper shipping name

Not regulated

14.3 Transportation hazard class(es)

Not regulated

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

Not applicable

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 substance/mixture by the supplier.

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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