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)

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

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>% Weight</th>
<th>Classification according to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glass, oxide, chemicals</td>
<td>65997-17-3</td>
<td>266-046-0</td>
<td>100</td>
<td>Regulation (EC) No 1272/2008 (CLP): Not Classified</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>67/548/EEC: Not Classified</td>
</tr>
</tbody>
</table>

MPACT FILLER BLANKET – EU
EFFECTIVE DATE: JANUARY 30, 2017
Page 1 of 7
### 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 accidently 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

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS #</th>
<th>EXPOSURE LIMITS IN AIR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ACGIH-TLVs</td>
<td>OSHA-PELs</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>TWA</td>
</tr>
<tr>
<td>Glass, oxide, chemicals</td>
<td>65997-17-3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 f/cc Continuous filament glass fibers</td>
<td>15 mg/m³ Inert or Nuisance Dust</td>
</tr>
</tbody>
</table>

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

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

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


National regulations (Germany):
Restrictions of occupation: Not relevant
Störfallverordnung (12.BlmSchV): 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.

Prepared by: Specified Technologies Inc
Preparation Date: 01/30/2017
Version: 1