



## INSULCAST RTVS 27 NA PT A

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Get medical attention.
<b>Ingestion</b>	DO NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
<b>Skin contact</b>	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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#### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Carbon dioxide or dry powder.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Specific hazards</b>	Containers can burst violently or explode when heated, due to excessive pressure build-up.
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#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

<b>Personal precautions</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.
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#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
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#### 6.3. Methods and material for containment and cleaning up

<b>Methods for cleaning up</b>	Absorb spillage with sand or other inert absorbent. Flush away spillage with plenty of water. Provide adequate ventilation.
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#### 6.4. Reference to other sections

<b>Reference to other sections</b>	For personal protection, see Section 8.
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### SECTION 7: Handling and storage

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### 7.1. Precautions for safe handling

**Usage precautions** Avoid inhalation of vapours. Provide adequate ventilation. Container must be kept tightly closed when not in use.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in a cool and well-ventilated place. Keep container dry. Store away from incompatible materials (see Section 10).

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

##### QUARTZ

Long-term exposure limit (8-hour TWA): 0.3 mg/m<sup>3</sup>

**Ingredient comments** No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN166.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. The selected gloves should have a breakthrough time of at least 8 hours.

#### Other skin and body protection

Wear apron or protective clothing in case of contact.

#### Hygiene measures

Promptly remove any clothing that becomes wet or contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

#### Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Check that the respirator fits tightly and the filter is changed regularly. Wear a respirator fitted with the following cartridge: Gas filter, type A2. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

**Appearance** Liquid.

**Colour** Black.

**Flash point** 251°C

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Vapour pressure 1.33 hPa @ °C Estimated value.

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

Reactivity Acids. Alkalis.

##### 10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

##### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not available.

##### 10.4. Conditions to avoid

Conditions to avoid Avoid contact with strong oxidising agents. Avoid heat.

##### 10.5. Incompatible materials

Materials to avoid Strong alkalis. Acids - oxidising.

##### 10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

Inhalation Prolonged or repeated exposure may cause the following adverse effects: Upper respiratory irritation.

Ingestion May be harmful if swallowed.

Skin contact May be harmful in contact with skin.

Eye contact May irritate eyes.

#### SECTION 12: Ecological Information

Ecotoxicity No data on possible environmental effects have been found.

##### 12.1. Toxicity

Toxicity Not determined.

##### 12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

##### 12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

##### 12.4. Mobility in soil

Mobility Not considered mobile.

##### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

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### 12.6. Other adverse effects

**Other adverse effects** Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

#### 14.2. UN proper shipping name

#### 14.3. Transport hazard class(es)

#### 14.4. Packing group

#### 14.5. Environmental hazards

#### 14.6. Special precautions for user

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

### SECTION 15: Regulatory information

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

**EU legislation** 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 (as amended).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Revision date** 04/04/2018

**Revision** 3

**Supersedes date** 29/04/2016

**SDS number** 20702

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