SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name

INSULCAST RTVS 27 HTC PT B

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses

Casting compound

1.3. Details of the supplier of the safety data sheet
Supplier

ITW Performance Polymers
Bay 150
Shannon Industrial Estate
Co. Clare
Ireland
V14 DF82
353(61)771500
353(61)471285
mail@itwpp.com

1.4. Emergency telephone number
Emergency telephone

+44(0)1235 239 670 (24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)

Physical hazards
Not Classified

Health hazards
Not Classified

Environmental hazards
Not Classified

2.2. Label elements
Hazard statements
NC Not Classified

Contains
POLYSILOXANE POLYMER

2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
INSULCAST RTVS 27 HTC PT B

<table>
<thead>
<tr>
<th>POLYSILOXANE POLYMER</th>
<th>10-30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 68083-19-2</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**
- Skin Irrit. 2 - H315
- Eye Dam. 1 - H318

<table>
<thead>
<tr>
<th>CRystalline Silica</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 14808-60-7</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**
- STOT RE 2 - H373

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Inhalation**
Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

**Ingestion**
Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician for specific advice.

**Skin contact**
Remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

**Eye contact**
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

**General information**
The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

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

**Notes for the doctor**
No specific recommendations. If in doubt, get medical attention promptly.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**
Extinguish with carbon dioxide or dry powder.

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

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

#### 5.3. Advice for firefighters

**Protective actions during firefighting**
Use water to keep fire exposed containers cool and disperse vapours.

**Special protective equipment for firefighters**
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
**INSULCAST RTVS 27 HTC PT B**

**Personal precautions**

Do not breathe vapour. Provide adequate ventilation.

**6.2. Environmental precautions**

Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

**6.3. Methods and material for containment and cleaning up**

Methods for cleaning up

Provide adequate ventilation. Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water.

**6.4. Reference to other sections**

Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Usage precautions

Provide adequate ventilation. Avoid inhalation of vapours.

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

Storage precautions

Store in tightly-closed, original container in a dry and cool place. Avoid contact with oxidising agents. Store away from the following materials: Acids. 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**

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**
  
  Wash hands after contact. Promptly remove any clothing that becomes wet or contaminated.
Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Opaque liquid</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>160°C @</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;96.1°C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>«59» «184» «109020»</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.96g/cm³</td>
</tr>
</tbody>
</table>

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity

There are no known reactivity hazards associated with this product.

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 heat. Avoid contact with the following materials: Strong oxidising agents.

10.5. Incompatible materials

Materials to avoid

Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products

Not known.

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
INSULCAST RTVS 27 HTC PT B

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.

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
No information required.

14.2. UN proper shipping name
No information required.

14.3. Transport hazard class(es)
Transport labels
No transport warning sign required.

14.4. Packing group
No information required.

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user
No information required.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
INSULCAST RTVS 27 HTC PT B

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

No information required.

SECTION 15: Regulatory information

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

EU legislation


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

Hazard statements in full

H315 Causes skin irritation.
H318 Causes serious eye damage.
H373 May cause damage to organs through prolonged or repeated exposure.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.