1. Identification

Product identifier
Product name
INSULCAST RTVS 27 LV GRAY PT A

Recommended use of the chemical and restrictions on use
Application
Casting compound

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

Emergency telephone number
Emergency telephone
+44(0)1235 239 670 (24h)

2. Hazard(s) identification

Classification of the substance or mixture
Physical hazards
Not Classified
Health hazards
Not Classified
Environmental hazards
Not Classified

Label elements
Hazard statements
NC Not Classified
Contains
CRYSTALLINE SILICA

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

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>CRYSSTALINE SILICA</th>
<th>30-60%</th>
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<td>STOT RE 2 - H373</td>
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The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

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.

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.

Indication of immediate medical attention and special treatment needed

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

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media  Extinguish with carbon dioxide or dry powder.

Special hazards arising from the substance or mixture

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

Advice for firefighters

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

Special protective equipment for firefighters  Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions  Do not breathe vapour. Provide adequate ventilation.

Environmental precautions

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

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.

Reference to other sections  Wear protective clothing as described in Section 8 of this safety data sheet.

7. Handling and storage

Precautions for safe handling
INSULCAST RTVS 27 LV GRAY PT A

Usage precautions
Provide adequate ventilation. Avoid inhalation of vapors.

Conditions for safe storage, including any incompatibilities

Storage precautions
Store in tightly-closed, original container in a dry and cool place. Avoid contact with oxidizing agents. Store away from the following materials: Acids. Store away from incompatible materials (see Section 10).

Specific end uses(s)

Specific end use(s)
The identified uses for this product are detailed in Section 1.

8. Exposure Controls/personal protection

Exposure controls

Eye/face protection
The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

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 OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. 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. 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 OSHA 1910.134.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance
Liquid.

Color
Grey.

Initial boiling point and range
160°C @

Flash point
>96.1°C

Evaporation rate
«59» «184» «109020»

Relative density
1.47g/cm3

10. Stability and reactivity
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Reactivity
There are no known reactivity hazards associated with this product.

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

Possibility of hazardous reactions
Not available.

Conditions to avoid
Avoid heat. Avoid contact with the following materials: Strong oxidizing agents.

Materials to avoid
Strong oxidizing agents.

Hazardous decomposition products
Not known.

11. Toxicological Information

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.

12. Ecological Information

Ecotoxicity
No data on possible environmental effects have been found.

Toxicity
Not determined.

Persistence and degradability

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

Bioaccumulative potential

Bio-Accumulative Potential
No data available on bioaccumulation.

Mobility in soil

Mobility
Not considered mobile.

Other adverse effects

Other adverse effects
Not available.

13. Disposal considerations

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.

14. Transport information
INSULCAST RTVS 27 LV GRAY PT A

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

UN Number
No information required.

UN No. (TDG) 2320
UN No. (DOT) 2320

UN proper shipping name
No information required.

Proper shipping name (TDG) TETRAETHYLENEPENTAMINE
Proper shipping name (DOT) TETRAETHYLENEPENTAMINE

Transport hazard class(es)

Transport labels
No transport warning sign required.

Packing group
No information required.

Environmental hazards

Environmentally Hazardous Substance
No.

Special precautions for user
No information required.

Transport in bulk according to
Annex II of MARPOL 73/78 and the IBC Code
No information required.

15. Regulatory information

16. Other information

Revision date 4/4/2018
Revision 3
Supersedes date 4/29/2016
SDS No. 20700
Hazard statements in full 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.