



**SAFETY DATA SHEET
INSULCAST 333 BLACK PT A**

1. Identification

Product identifier

Product name INSULCAST 333 BLACK 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 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 Carc. 2 - H351

Environmental hazards Aquatic Chronic 2 - H411

Label elements

Pictogram



Signal word

Warning

Hazard statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H351 Suspected of causing cancer.
H411 Toxic to aquatic life with long lasting effects.

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Precautionary statements	<p>P201 Obtain special instructions before use.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P261 Avoid breathing vapor/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing must not be allowed out of the workplace.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P308+P313 If exposed or concerned: Get medical advice/ attention.</p> <p>P321 Specific treatment (see medical advice on this label).</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P391 Collect spillage.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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Contains	Reaction product of Epichlorohydrin & Bisphenol A, OXIRANE, MONO[(C12-14-ALKYLOXY) METHYL] DERIVATES, ANTIMONY TRIOXIDE
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Other hazards

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

3. Composition/information on ingredients

Mixtures

Reaction product of Epichlorohydrin & Bisphenol A	30-60%
CAS number: 25085-99-8	
Classification	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	
Aquatic Chronic 2 - H411	
OXIRANE, MONO[(C12-14-ALKYLOXY) METHYL] DERIVATES	10-30%
CAS number: 68609-97-2	
Classification	
Skin Irrit. 2 - H315	
Skin Sens. 1 - H317	
ANTIMONY TRIOXIDE	<1%
CAS number: 1309-64-4	
Classification	
Carc. 2 - H351	

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

4. First-aid measures

Description of first aid measures

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Inhalation	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Get medical attention.
Ingestion	DO NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.
Skin Contact	Remove contaminated clothing and rinse skin thoroughly with water. 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.
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Indication of immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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5. Fire-fighting measures

Extinguishing media

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

Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up.
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Advice for firefighters

Protective actions during firefighting	Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
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	Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.
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Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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Methods and material for containment and cleaning up

Methods for cleaning up	Absorb spillage with sand or other inert absorbent. Flush away spillage with plenty of water. Provide adequate ventilation.
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Reference to other sections	For personal protection, see Section 8.
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7. Handling and storage

Precautions for safe handling

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

Specific end uses(s)

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

8. Exposure Controls/personal protection

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

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: Chemical splash goggles. 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 Use chemical cartridge protection with appropriate cartridge. 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. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Wear a respirator fitted with the following cartridge: Gas filter, type A2.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Liquid.
Color	Black.
pH	pH (concentrated solution): Not Determined
Melting point	Not Determined°C
Initial boiling point and range	Not Determined°C @
Flash point	>200 degree F°C
Evaporation rate	Not Determined
Vapor pressure	Not Determined @ °C
Vapor density	Heavier than air

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Auto-ignition temperature Not Determined°C

Volatile organic compound This product contains a maximum VOC content of 0 .

10. Stability and reactivity

Reactivity Acids. Alkalis.

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

Possibility of hazardous reactions Not available.

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

Materials to avoid Strong alkalis. Acids - oxidizing.

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

11. Toxicological information

12. Ecological Information

Ecotoxicity No data on possible environmental effects have been found.

Toxicity Very toxic to aquatic organisms.

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

General No other information known.

UN Number

UN No. (TDG) 3082

UN No. (IMDG) 3082

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UN No. (ICAO) 3082

UN No. (DOT) 3082

UN proper shipping name**Proper shipping name (TDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin:--reaction product of Bisphenol A and Epichlorohydrin)**Proper shipping name (IMDG)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin:--reaction product of Bisphenol A and Epichlorohydrin)**Proper shipping name (ICAO)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin:--reaction Product Of Bisphenol A And Epichlorohydrin)**Proper shipping name (DOT)** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin:--reaction product of Bisphenol A and Epichlorohydrin)**Transport hazard class(es)**

TDG class 9

TDG label(s) 9

IMDG Class 9

ICAO class/division 9

Transport labels**Packing group**

TDG Packing Group III

IMDG packing group III

ICAO packing group III

DOT packing group III

Environmental hazards**Environmentally Hazardous Substance****Special precautions for user**

EmS F-A, S-F

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

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Revision	6
Supersedes date	4/29/2016
Hazard statements in full	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H351 Suspected of causing cancer. H411 Toxic to aquatic life with long lasting effects.

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.