



SAFETY DATA SHEET
INSULCAST 333 NEUTRAL - PT A

1. Identification

Product identifier

Product name INSULCAST 333 NEUTRAL - PT A

Recommended use of the chemical and restrictions on use

Application Sealant.

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] DERIVS, ANTIMONY TRIOXIDE
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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] DERIVS	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

Inhalation	Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Get medical attention.
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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.
Hazardous combustion products	No known hazardous decomposition products.
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. 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 Colored liquid.

Color Black.

Flash point >93°C Not specified.

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

10. Stability and reactivity

Reactivity Acids. Alkalis.

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

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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

Information on toxicological effects

General information	The product contains an epoxy resin. May cause sensitization or allergic reactions in sensitive individuals.
Inhalation	Vapor may irritate respiratory system/lungs. Vapors may irritate throat/respiratory system. Symptoms following overexposure may include the following: Headache. Dizziness. Drowsiness.
Ingestion	May cause discomfort if swallowed. Gastrointestinal symptoms, including upset stomach.
Skin Contact	The product contains a small amount of sensitizing substance. May cause sensitization or allergic reactions in sensitive individuals. Irritating to skin. Prolonged and frequent contact may cause redness and irritation.
Eye contact	Irritating to eyes. Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.
Route of entry	Inhalation Ingestion. Skin and/or eye contact
Medical Symptoms	Gas or vapor in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

12. Ecological Information

Ecotoxicity	No data on possible environmental effects have been found.
Toxicity	Very toxic to aquatic organisms.
<u>Persistence and degradability</u>	
Persistence and degradability	There are no data on the degradability of this product.
<u>Bioaccumulative potential</u>	
Bio-Accumulative Potential	No data available on bioaccumulation.
<u>Mobility in soil</u>	
Mobility	Not considered mobile.
<u>Other adverse effects</u>	
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.
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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

Not applicable.

UN No. (TDG) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN No. (DOT) 3082

UN proper shipping name

Not applicable.

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

Not applicable.

TDG Packing Group III

IMDG packing group III

ICAO packing group III

DOT packing group III

Environmental hazards

INSULCAST 333 NEUTRAL - PT A**Environmentally Hazardous Substance****Special precautions for user**

Not applicable.

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
Revision	3
Supersedes date	4/29/2016
Hazard statements in full	<p>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.</p>

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.