SAFETY DATA SHEET
CHOCKFAST GREY RESIN.

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

1.1. Product identifier
Product name                   CHOCKFAST GREY RESIN.
Product number                 Y0003

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

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
                                customerservice.shannon@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                  Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317
Environmental hazards          Aquatic Chronic 3 - H412

Human health                   The product contains an epoxy resin. May cause sensitisation or allergic reactions in sensitive individuals.

2.2. Label elements
Hazard pictograms

Signal word                    Warning
Hazard statements              H315 Causes skin irritation.
                                H319 Causes serious eye irritation.
                                H317 May cause an allergic skin reaction.
                                H412 Harmful to aquatic life with long lasting effects.
CHOCKFAST GREY RESIN.

Precautionary statements
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P501 Dispose of contents/ container in accordance with national regulations.

Contains
bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE, 1,6-bis(2,3-epoxypropoxy)hexane

Supplementary precautionary statements
P261 Avoid breathing vapour/ spray.
P264 Wash contaminated skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

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

SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>3.2. Mixtures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SILICA SAND</strong></td>
</tr>
<tr>
<td>CAS number: 14808-60-7</td>
</tr>
<tr>
<td><strong>Classification</strong></td>
</tr>
</tbody>
</table>

| **bis[4-(2,3-EPOXYPROPOXY)PHENYL]PROPANE** | 10-30% |
| CAS number: 1675-54-3 | EC number: 216-823-5 |
| REACH registration number: 01-2119456619-26-0000 |
| **Classification** | Skin Irrit. 2 - H315 |
| Eye Irrit. 2 - H319 |
| Skin Sens. 1 - H317 |
| Aquatic Chronic 2 - H411 |

| **FIBROUS GLASS** | 5-10% |
| CAS number: 65997-17-3 |
| **Classification** | Skin Irrit. 2 - H315 |
| Eye Irrit. 2 - H319 |
| STOT SE 3 - H335 |
## CHOCKFAST GREY RESIN.

### 1,6-bis(2,3-epoxypropoxy)hexane

<table>
<thead>
<tr>
<th>CAS number: 16096-31-4</th>
<th>1-5%</th>
</tr>
</thead>
</table>

**Classification**
- Skin Irrit. 2 - H315
- Eye Irrit. 2 - H319
- Skin Sens. 1 - H317
- Aquatic Chronic 3 - H412

### TITANIUM DIOXIDE

<table>
<thead>
<tr>
<th>CAS number: 13463-67-7</th>
<th>1-5%</th>
</tr>
</thead>
</table>

**Classification**
- Not Classified

**EC number:** 236-675-5  
**REACH registration number:** 01-2119489379-17-0000

### GAMMA-BUTYROLACTONE

<table>
<thead>
<tr>
<th>CAS number: 96-48-0</th>
<th>1-5%</th>
</tr>
</thead>
</table>

**Classification**
- Acute Tox. 4 - H302
- Eye Dam. 1 - H318
- STOT SE 3 - H336

**EC number:** 202-509-5

### 3-glycidyl-oxypropyl-trimethoxy-silane

<table>
<thead>
<tr>
<th>CAS number: 2530-83-8</th>
<th>&lt;1%</th>
</tr>
</thead>
</table>

**Classification**
- Eye Dam. 1 - H318

**EC number:** 219-784-2

### CARBON BLACK

<table>
<thead>
<tr>
<th>CAS number: 1333-86-4</th>
<th>&lt;1%</th>
</tr>
</thead>
</table>

**Classification**
- Not Classified

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

---

**SECTION 4: First aid measures**

### 4.1. Description of first aid measures

**General information**
Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**Inhalation**
Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention if any discomfort continues.

**Ingestion**
Rinse mouth thoroughly with water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention.
**CHOCKFAST GREY RESIN.**

**Skin contact**
Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

**Eye contact**
Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if irritation persists after washing.

**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 foam, carbon dioxide or dry powder.

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

**Specific hazards**
Irritating gases or vapours.

**5.3. Advice for firefighters**

**Protective actions during firefighting**
Avoid breathing fire gases or vapours. Keep up-wind to avoid fumes. Do not use water jet as an extinguisher, as this will spread the fire. Control run-off water by containing and keeping it out of sewers and watercourses.

**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**

**Personal precautions**
Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

**6.2. Environmental precautions**

**Environmental precautions**
Avoid the spillage or runoff entering drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up**
Absorb spillage with sand or other inert absorbent. Transfer to covered steel drums for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

**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**
Use only in well-ventilated areas. Keep away from heat, sparks and open flame. Open drum carefully as content may be under pressure. Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented.

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

**Storage precautions**
Store in tightly-closed, original container in a dry, cool and well-ventilated place.
CHOCKFAST GREY RESIN.

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  As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Appropriate engineering controls  Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Eye/face protection  To protect hands from chemicals, gloves should comply with European Standard EN374. The breakthrough time for any glove material may be different for different glove manufacturers. The selected gloves should have a breakthrough time of at least 8 hours. Wear protective gloves made of the following material: Butyl rubber. Nitrile rubber.

Hand protection  Wear chemical protective suit.

Other skin and body protection  Provide eyewash station and safety shower. Keep away from food, drink and animal feeding stuffs. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product. Change work clothing daily before leaving workplace.

Hygiene measures  If ventilation is inadequate, suitable respiratory protection must be worn. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140. Gas and combination filter cartridges should comply with European Standard EN14387. Wear a respirator fitted with the following cartridge: Gas filter, type A2. Organic vapour filter.

Respiratory protection

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Appearance  Viscous liquid.
Colour  Grey.
Odour  No characteristic odour.
\( \text{pH} \) (concentrated solution): 7 @ 20 °C

Initial boiling point and range  277°C @
Flash point  > 254°C Pensky-Martens closed cup.
Vapour pressure  <0.03 mmHg @ °C
**CHOCKFAST GREY RESIN.**

**Relative density** 1.60 @ 20 °C

**Solubility(ies)** Slightly soluble in water.

**Auto-ignition temperature** >300°C

**9.2. Other information** Not available.

### SECTION 10: Stability and reactivity

**10.1. Reactivity**


**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, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.

**10.5. Incompatible materials**

**Materials to avoid** Avoid contact with the following materials: Strong oxidising agents. Strong acids. Amines.

**10.6. Hazardous decomposition products**


### SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

**Acute toxicity - oral**

**ATE oral (mg/kg)** 44,247.79

**Skin contact** Irritating to skin. May cause sensitisation by skin contact. Prolonged contact may cause redness, irritation and dry skin. The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.

**Eye contact** Irritating to eyes.

**Acute and chronic health hazards** The product contains an epoxy resin. May cause sensitisation or allergic reactions in sensitive individuals.

**Route of exposure** Inhalation Ingestion.

### SECTION 12: Ecological information

**Ecotoxicity** Avoid releasing into the environment. The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

**12.1. Toxicity**

**Toxicity** Not considered toxic to fish.
CHOCKFAST GREY RESIN.

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

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  When handling waste, the safety precautions applying to handling of the product should be considered.

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

Waste class  08 04 99

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

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

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 25/02/2020
Revision 14
Supersedes date 05/04/2018

Hazard statements in full

H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful 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.