SAFETY DATA SHEET
EPOCAST 36-P, BASIS MASS

1. Identification

Product identifier
Product name: EPOCAST 36-P, BASIS MASS
Product number: 10056

Recommended use of the chemical and restrictions on use
Application: Resin.
Uses advised against: No specific uses advised against are identified.

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
Environmental hazards: Aquatic Chronic 2 - H411

Label elements
Pictogram
![Pictogram](image)

Signal word: Warning

Hazard statements: H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.
**EPOCAST 36-P, BASIS MASS**

**Precautionary statements**
- P261 Avoid breathing vapor/spray.
- P264 Wash contaminated skin thoroughly after handling.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- 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.
- P321 Specific treatment (see medical advice on this label).
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P391 Collect spillage.
- P501 Dispose of contents/container in accordance with national regulations.

**Contains**
Quartz (<10µm), EPOXY RESIN (Number average MW <= 700)

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

**3. Composition/Information on ingredients**

<table>
<thead>
<tr>
<th>Mixtures</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz (&lt;10µm)</td>
<td>60-100%</td>
</tr>
<tr>
<td>CAS number: 14808-60-7</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td>STOT RE 2 - H373</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EPOXY RESIN (Number average MW &lt;= 700)</th>
<th>10-30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 25068-38-6</td>
<td></td>
</tr>
<tr>
<td>Classification</td>
<td></td>
</tr>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td></td>
</tr>
<tr>
<td>Eye Irrit. 2 - H319</td>
<td></td>
</tr>
<tr>
<td>Skin Sens. 1 - H317</td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 2 - H411</td>
<td></td>
</tr>
</tbody>
</table>

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

**4. First-aid measures**

**Description of first aid measures**

**General information**
Remove affected person from source of contamination.

**Inhalation**
Move affected person to fresh air at once. Get medical attention if any discomfort continues.

**Ingestion**
DO NOT induce vomiting. Get medical attention immediately. Rinse mouth thoroughly with water. Give plenty of water to drink.

**Skin Contact**
Remove contaminated clothing immediately and wash skin with soap and 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 if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

**Most important symptoms and effects, both acute and delayed**
EPOCAST 36-P, BASIS MASS

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

Inhalation
No specific symptoms known.

Ingestion
May cause discomfort if swallowed.

Skin contact
Skin irritation. Allergic rash.

Eye contact
Irritation of eyes and mucous membranes.

Indication of immediate medical attention and special treatment needed

Notes for the doctor
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media
Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

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

Hazardous combustion products
Not known. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

Advice for firefighters

Protective actions during firefighting
Contain and collect extinguishing water. If risk of water pollution occurs, notify appropriate authorities.

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. In case of spills, beware of slippery floors and surfaces.

Environmental precautions

Environmental precautions
Avoid discharge into drains or watercourses or onto the ground. Contain spillage with sand, earth or other suitable non-combustible material.

Methods and material for containment and cleaning up

Methods for cleaning up
Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

Reference to other sections
For personal protection, see Section 8. Collect and dispose of spillage as indicated in Section 13.

7. Handling and storage

Precautions for safe handling

Usage precautions
Read and follow manufacturer's recommendations. Do not eat, drink or smoke when using the product. Contaminated clothing and shoes must be discarded. 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.

Conditions for safe storage, including any incompatibilities
EPOCAST 36-P, BASIS MASS

Storage precautions
Store in tightly-closed, original container. Keep container dry. Keep container tightly closed. Avoid contact with oxidizing agents. Keep away from food, drink and animal feeding stuffs. Do not store near heat sources or expose to high temperatures.

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

Protective equipment
Provide adequate ventilation.

Appropriate engineering controls

Hand protection
Butyl rubber. (EN 374) Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection
Use barrier creams to prevent skin contact. Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection
Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a respirator fitted with the following cartridge: Gas filter, type A2. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. 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
Paste.

Color
Brown.

Odor
Characteristic.

pH
Not applicable. Not applicable.

Melting point
Not determined.

Initial boiling point and range
Not applicable.

Evaporation rate
Not applicable.

Upper/lower flammability or explosive limits
Not applicable.

Vapor pressure
Not determined.

Vapor density
Not applicable.

Relative density
Not determined.

Bulk density
Not applicable.

Solubility(ies)
Immiscible with water.
### EPOCAST 36-P, BASIS MASS

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Does not meet the criteria for classification as oxidizing.</td>
</tr>
<tr>
<td>Other information</td>
<td>None.</td>
</tr>
<tr>
<td>Volatile organic compound</td>
<td>This product contains a maximum VOC content of 0 g/litre.</td>
</tr>
</tbody>
</table>

#### 10. Stability and reactivity

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>The following materials may react with the product: Oxidizing materials.</td>
</tr>
<tr>
<td></td>
<td>Acids. Strong alkalis.</td>
</tr>
<tr>
<td>Stability</td>
<td>Stable at normal ambient temperatures and when used as recommended.</td>
</tr>
<tr>
<td>Possibility of hazardous</td>
<td>Not relevant.</td>
</tr>
<tr>
<td>reactions</td>
<td></td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Avoid contact with strong oxidizing agents.</td>
</tr>
<tr>
<td></td>
<td>Avoid contact with acids and alkalis.</td>
</tr>
<tr>
<td>Materials to avoid</td>
<td>Strong oxides.</td>
</tr>
<tr>
<td>Hazardous decomposition</td>
<td>No known hazardous decomposition products.</td>
</tr>
<tr>
<td>products</td>
<td></td>
</tr>
</tbody>
</table>

#### 11. Toxicological information

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information on toxicological</td>
<td></td>
</tr>
<tr>
<td>effects</td>
<td></td>
</tr>
<tr>
<td>Toxicological effects</td>
<td>No data recorded.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>No specific health hazards known.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause discomfort if swallowed.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Irritating to skin. May cause sensitisation by skin contact.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>Irritation of eyes and mucous membranes.</td>
</tr>
<tr>
<td>Acute and chronic health</td>
<td>The product contains an epoxy resin. May cause sensitization or allergic</td>
</tr>
<tr>
<td>hazards</td>
<td>reactions in sensitive individuals.</td>
</tr>
</tbody>
</table>

#### 12. Ecological Information

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecotoxicity</td>
<td>The product contains substances which are toxic to aquatic organisms and</td>
</tr>
<tr>
<td></td>
<td>which may cause long-term adverse effects in the aquatic environment.</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>There are no data on the degradability of this product.</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>No data available on bioaccumulation.</td>
</tr>
<tr>
<td>Mobility in soil</td>
<td>The product has poor water-solubility.</td>
</tr>
<tr>
<td>Other adverse effects</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>
## 13. Disposal considerations

### Waste treatment methods

#### General information
Waste is classified as hazardous 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. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

### Waste class
08 04 09

## 14. Transport information

### UN Number

|UN No. (TDG)| 3077 |
|UN No. (IMDG)| 3077 |
|UN No. (ICAO)| 3077 |
|UN No. (DOT)| 3077 |

#### UN proper shipping name

|Proper shipping name (TDG)| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BISPHENOL A EPOXY RESIN) |
|Proper shipping name (IMDG)| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BISPHENOL A EPOXY RESIN) |
|Proper shipping name (ICAO)| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BISPHENOL A EPOXY RESIN) |
|Proper shipping name (DOT)| ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (BISPHENOL A EPOXY RESIN) |

#### Transport hazard class(es)

|TDG class| 9 |
|TDG label(s)| 9 |
|IMDG Class| 9 |
|ICAO class/division| 9 |

#### Transport labels

![Transport label icon]

#### Packing group

|TDG Packing Group| III |
|IMDG packing group| III |
|ICAO packing group| III |
|DOT packing group| III |

### Environmental hazards

6/7
EPOCAST 36-P, BASIS MASS

Environmentally Hazardous Substance

Special precautions for user
EmS F-A, S-F

15. Regulatory information

16. Other information

Revision date 4/4/2018
Revision 6
Supersedes date 12/6/2017

Hazard statements in full
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
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.