## 1. Identification

**Product identifier**

### Product name

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**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**

Aquatic Chronic 3 - H412

**Label elements**

**Hazard statements**

H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P273 Avoid release to the environment.
P501 Dispose of contents/ container in accordance with national regulations.

## 3. Composition/Information on ingredients

## 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.

**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.
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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
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.

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.

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
Absorb spillage with sand or other inert absorbent.Flush away spillage with plenty of water. Provide adequate ventilation.

Reference to other sections
For personal protection, see Section 8.

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.

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**
- Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
- The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.
- 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.
- Wear apron or protective clothing in case of contact.
- 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 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**: Black.
- **Flash point**: 251.7°C
- **Relative density**: 1.51g/cm3

**10. Stability and reactivity**

- **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

**Information on toxicological effects**

<table>
<thead>
<tr>
<th>Route</th>
<th>Effect</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Prolonged or repeated exposure may cause the following adverse effects: Upper respiratory irritation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May be harmful if swallowed.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>May be harmful in contact with skin.</td>
</tr>
<tr>
<td>Eye contact</td>
<td>May irritate eyes.</td>
</tr>
</tbody>
</table>

### 12. Ecological Information

- **Ecotoxicity**: No data on possible environmental effects have been found.
- **Toxicity**: Not determined.
- **Persistence and degradability**: There are no data on the degradability of this product.
- **Bio-Accumulative Potential**: No data available on bioaccumulation.
- **Mobility in soil**: Not considered mobile.
- **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**: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

### 15. Regulatory information

### 16. Other information

- **Revision date**: 4/4/2018
- **Revision**: 3
- **Supersedes date**: 4/29/2016
- **SDS No.**: 20698
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Hazard statements in full

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.