



**SAFETY DATA SHEET**  
**Insulcure 26 PT B**

## 1. Identification

### Product identifier

**Product name** Insulcure 26 PT B

### 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** Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317

**Environmental hazards** Aquatic Chronic 2 - H411

### Label elements

#### Pictogram



#### Signal word

Danger

#### Hazard statements

H302+H312 Harmful if swallowed or in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H317 May cause an allergic skin reaction.  
H411 Toxic to aquatic life with long lasting effects.

## Insulcure 26 PT B

|                                 |  |
|---------------------------------|--|
| <b>Precautionary statements</b> | <p>P260 Do not breathe vapor/ spray.</p> <p>P261 Avoid breathing vapor/ spray.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P270 Do not eat, drink or smoke when using this product.</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>P301+P310 If swallowed: Immediately call a poison center/ doctor.</p> <p>P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.</p> <p>P302+P352 If on skin: Wash with plenty of water.</p> <p>P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a poison center/ doctor if you feel unwell.</p> <p>P321 Specific treatment (see medical advice on this label).</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>P363 Wash contaminated clothing 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> |
|---------------------------------|--|

|                 |   |
|-----------------|---|
| <b>Contains</b> | FATTY ACIDS, TALL-OIL, REACTION PRODUCTS WITH TETRAETHYLENEPENTAMINE, 3,6,9-TRIAZUNDECAMETHYLENEDIAMINE |
|-----------------|---|

### 3. Composition/information on ingredients

#### Mixtures

|   |                |
|---|----------------|
| <b>FATTY ACIDS, TALL-OIL, REACTION PRODUCTS WITH TETRAETHYLENEPENTAMINE</b> | <b>60-100%</b> |
|---|----------------|

CAS number: 68953-36-6

#### Classification

Skin Corr. 1B - H314  
 Eye Dam. 1 - H318  
 Skin Sens. 1 - H317  
 Aquatic Chronic 2 - H411

|  |              |
|--|--------------|
| <b>3,6,9-TRIAZUNDECAMETHYLENEDIAMINE</b> | <b>5-10%</b> |
|--|--------------|

CAS number: 112-57-2

#### Classification

Acute Tox. 4 - H312  
 Skin Corr. 1B - H314  
 Skin Sens. 1 - H317  
 Aquatic Chronic 2 - H411

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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|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.                      |
| <b>Ingestion</b>    | Get medical attention immediately. Do not induce vomiting. Rinse mouth.   |
| <b>Skin Contact</b> | Remove contaminated clothing immediately and wash skin with soap and water. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Chemical burns must be treated by a physician. |
| <b>Eye contact</b>  | May cause permanent damage if eye is not immediately irrigated. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention immediately.   |

### Most important symptoms and effects, both acute and delayed

|                            |  |
|----------------------------|--|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure.                                  |
| <b>Ingestion</b>           | This product is corrosive. Harmful if swallowed. May cause chemical burns in mouth, esophagus and stomach. May cause severe internal injury. |
| <b>Skin contact</b>        | Corrosive to skin and eyes. Causes burns. Allergic rash.   |
| <b>Eye contact</b>         | This product is corrosive. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.              |

## 5. Fire-fighting measures

### Extinguishing media

|                                       |   |
|---------------------------------------|---|
| <b>Suitable extinguishing media</b>   | Extinguish with carbon dioxide or dry powder. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. |
| <b>Unsuitable extinguishing media</b> | Do not use water jet as an extinguisher, as this will spread the fire.  |

### Special hazards arising from the substance or mixture

|                                      |  |
|--------------------------------------|--|
| <b>Hazardous combustion products</b> | Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. |
|--------------------------------------|--|

### Advice for firefighters

|  |   |
|--|---|
| <b>Protective actions during firefighting</b>        | Keep up-wind to avoid fumes. Control run-off water by containing and keeping it out of sewers and watercourses. |
| <b>Special protective equipment for firefighters</b> | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.           |

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

|                             |   |
|-----------------------------|---|
| <b>Personal precautions</b> | Wear protective clothing as described in Section 8 of this safety data sheet. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapors and contact with skin and eyes. In case of spills, beware of slippery floors and surfaces. |
|-----------------------------|---|

### Environmental precautions

|                                  |  |
|----------------------------------|--|
| <b>Environmental precautions</b> | Avoid or minimize the creation of any environmental contamination. |
|----------------------------------|--|

### Methods and material for containment and cleaning up

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**Methods for cleaning up** Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Containers with collected spillage must be properly labeled with correct contents and hazard symbol.

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

### 7. Handling and storage

#### Precautions for safe handling

**Usage precautions** 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. Good personal hygiene procedures should be implemented. Provide adequate ventilation.

#### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. 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

#### 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. 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. The selected gloves should have a breakthrough time of at least 8 hours. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation.

##### Other skin and body protection

Wear apron or protective clothing in case of contact.

##### Hygiene measures

Provide eyewash station and safety shower. Promptly remove any clothing that becomes wet or contaminated. Wash promptly with soap and water if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

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**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn. 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: Organic vapor filter. 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

|  |   |
|--|---|
| <b>Appearance</b>                      | Liquid.   |
| <b>Color</b>                           | Amber.  |
| <b>Initial boiling point and range</b> | >160°C @  |
| <b>Flash point</b>                     | 232.2°C   |
| <b>Vapor pressure</b>                  | <1 mm Hg @ °C                                     |
| <b>Relative density</b>                | 0.94  |
| <b>Partition coefficient</b>           | log Kow: 1.503 3,6,9-triazaundecamethylenediamine |

### 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | The following materials may react with the product: Oxidizing materials.   |
| <b>Stability</b>                          | Stable at normal ambient temperatures and when used as recommended.  |
| <b>Possibility of hazardous reactions</b> | No potentially hazardous reactions known.  |
| <b>Conditions to avoid</b>                | Avoid heat.  |
| <b>Materials to avoid</b>                 | Phenols, cresols. Peroxides.   |
| <b>Hazardous decomposition products</b>   | Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. |

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**ATE oral (mg/kg)** 500.0

##### Acute toxicity - dermal

**ATE dermal (mg/kg)** 1,100.0

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Vapors may irritate throat/respiratory system. Symptoms following overexposure may include the following: Coughing. Prolonged inhalation of high concentrations may damage respiratory system. |
| <b>Ingestion</b>    | Swallowing concentrated chemical may cause severe internal injury. May cause chemical burns in mouth, esophagus and stomach.   |
| <b>Skin Contact</b> | May cause sensitization or allergic reactions in sensitive individuals. This product is corrosive. Causes severe skin burns and eye damage. Harmful in contact with skin.                      |

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|                               |  |
|-------------------------------|--|
| <b>Eye contact</b>            | Risk of serious damage to eyes. May cause blurred vision and serious eye damage. |
| <b>Route of entry</b>         | Inhalation Ingestion. Skin and/or eye contact                                    |
| <b>Target Organs</b>          | Eyes Skin Respiratory system, lungs  |
| <b>Medical considerations</b> | May cause skin sensitization or allergic reactions in sensitive individuals.     |

### 12. Ecological Information

|   |  |
|---|--|
| <b>Ecotoxicity</b>                          | Harmful to aquatic life with long lasting effects. |
| <b>Toxicity</b>                             | Not determined.                                    |
| <b><u>Persistence and degradability</u></b> |  |
| <b>Persistence and degradability</b>        | No data available.                                 |
| <b><u>Bioaccumulative potential</u></b>     |  |
| <b>Bio-Accumulative Potential</b>           | No data available on bioaccumulation.              |
| <b>Partition coefficient</b>                | log Kow: 1.503 3,6,9-triazaundecamethylenediamine  |
| <b><u>Mobility in soil</u></b>              |  |
| <b>Mobility</b>                             | Not determined.                                    |
| <b><u>Other adverse effects</u></b>         |  |
| <b>Other adverse effects</b>                | Not determined.                                    |

### 13. Disposal considerations

#### Waste treatment methods

|                            |  |
|----------------------------|--|
| <b>General information</b> | When handling waste, the safety precautions applying to handling of the product should be considered. 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. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. |
| <b>Disposal methods</b>    | Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.  |
| <b>Waste class</b>         | 08 04 99   |

### 14. Transport information

#### UN Number

|                      |      |
|----------------------|------|
| <b>UN No. (TDG)</b>  | 3066 |
| <b>UN No. (IMDG)</b> | 3066 |
| <b>UN No. (ICAO)</b> | 3066 |
| <b>UN No. (DOT)</b>  | 3066 |

#### UN proper shipping name

|                                    |       |
|------------------------------------|-------|
| <b>Proper shipping name (TDG)</b>  | PAINT |
| <b>Proper shipping name (IMDG)</b> | PAINT |
| <b>Proper shipping name (ICAO)</b> | PAINT |
| <b>Proper shipping name (DOT)</b>  | PAINT |

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### Transport hazard class(es)

|                     |   |
|---------------------|---|
| TDG class           | 8 |
| TDG label(s)        | 8 |
| IMDG Class          | 8 |
| ICAO class/division | 8 |

### 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-B |
|-----|----------|

### 15. Regulatory information

### 16. Other information

|                           |  |
|---------------------------|--|
| Revision date             | 4/4/2018   |
| Revision                  | 2  |
| Supersedes date           | 4/29/2016  |
| SDS No.                   | 20693  |
| Hazard statements in full | H302 Harmful if swallowed.<br>H312 Harmful in contact with skin.<br>H314 Causes severe skin burns and eye damage.<br>H317 May cause an allergic skin reaction.<br>H318 Causes serious eye damage.<br>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.