

# **ITW** Performance Polymers

## SAFETY DATA SHEET Densit® Curing Compound

### 1. Identification

#### Product identifier

**Product name** Densit® Curing Compound

#### Details of the supplier of the safety data sheet

**Supplier** ITW Performance Polymers ApS  
Rørdalsvej 44  
9220 Aalborg  
Denmark  
+45 9816 7011  
customerservice.aalborg@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.

#### Other hazards

As supplied, the material does not present a health hazard. This product does not contain any substances classified as PBT or vPvB.

### 3. Composition/information on ingredients

#### Mixtures

**Alcohols, C16-18, ethoxylated** <1%

CAS number: 68439-49-6

M factor (Acute) = 1

#### Classification

Acute Tox. 4 - H302  
Eye Dam. 1 - H318  
Aquatic Acute 1 - H400  
Aquatic Chronic 3 - H412

## Densit® Curing Compound

|   |
|---|
| <b>Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.</b> <span style="float: right;"><b>&lt;1%</b></span><br>CAS number: 61791-44-4<br>M factor (Acute) = 1 <span style="margin-left: 150px;">M factor (Chronic) = 1</span>   |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410   |
| <b>mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)</b> <span style="float: right;"><b>&lt;1%</b></span><br>CAS number: 55965-84-9<br>M factor (Acute) = 100 <span style="margin-left: 150px;">M factor (Chronic) = 100</span> |
| <b>Classification</b><br>Acute Tox. 3 - H301<br>Acute Tox. 3 - H311<br>Acute Tox. 3 - H331<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>Skin Sens. 1 - H317<br>Aquatic Acute 1 - H400<br>Aquatic Chronic 1 - H410  |

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

**Composition comments**          None of the ingredients are required to be listed.

### 4. First-aid measures

#### Description of first aid measures

|                            |   |
|----------------------------|---|
| <b>General information</b> | No special treatment required.  |
| <b>Inhalation</b>          | Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.  |
| <b>Ingestion</b>           | Do not induce vomiting unless under the direction of medical personnel. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. |
| <b>Skin Contact</b>        | Remove contaminated clothing immediately and wash skin with soap and water.   |
| <b>Eye contact</b>         | Remove any contact lenses and open eyelids wide apart. Rinse with water.  |

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

|                            |   |
|----------------------------|---|
| <b>General information</b> | See Section 11 for additional information on health hazards. The product is considered to be a low hazard under normal conditions of use. |
|----------------------------|---|

#### Indication of immediate medical attention and special treatment needed

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

### 5. Fire-fighting measures

## Densit® Curing Compound

### Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

### Special hazards arising from the substance or mixture

**Hazardous combustion products** No known hazardous decomposition products.

### Advice for firefighters

**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** For personal protection, see Section 8.

### Environmental precautions

**Environmental precautions** No specific requirements are anticipated under normal conditions of use.

### Methods and material for containment and cleaning up

**Methods for cleaning up** Wipe up with an absorbent cloth and dispose of waste safely. Collect and place in suitable waste disposal containers and seal securely.

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

## 7. Handling and storage

### Precautions for safe handling

**Usage precautions** For personal protection, see Section 8. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. No specific requirements are anticipated under normal conditions of use.

**Advice on general occupational hygiene** When using do not eat, drink or smoke.

### Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store in accordance with local regulations.

### Specific end uses(s)

**Specific end use(s)** Not specified.

## 8. Exposure controls/Personal protection

**Ingredient comments** No exposure limits known for ingredient(s).

### Exposure controls

**Eye/face protection** Tight-fitting safety glasses.

### Hand protection

It is recommended that chemical-resistant, impervious gloves are worn. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Wear protective gloves made of the following material: Butyl rubber. Nitrile rubber. 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.

## Densit® Curing Compound

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|--|--|
| <b>Other skin and body protection</b>  | Wear protective clothing. Wear rubber footwear. Wear rubber apron. Wear suitable protective clothing as protection against splashing or contamination. |
| <b>Respiratory protection</b>          | No specific recommendations.   |
| <b>Environmental exposure controls</b> | The product components are not classified as environmentally hazardous.  |

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

|   |   |
|---|---|
| <b>Appearance</b>                                   | Liquid.   |
| <b>Color</b>  | White.  |
| <b>Odor</b>   | Odorless.   |
| <b>Odor threshold</b>                               | No information available.                                       |
| <b>pH</b>   | pH (concentrated solution): ca. 5                               |
| <b>Melting point</b>                                | No specific test data are available.                            |
| <b>Flash point</b>                                  | No specific test data are available.                            |
| <b>Evaporation rate</b>                             | No specific test data are available.                            |
| <b>Flammability (solid, gas)</b>                    | No specific test data are available.                            |
| <b>Upper/lower flammability or explosive limits</b> | No specific test data are available.                            |
| <b>Vapor pressure</b>                               | 23 hPa @ 20°C   |
| <b>Vapor density</b>                                | No specific test data are available.                            |
| <b>Relative density</b>                             | ~ 0.99g/cm <sup>3</sup> @ 20°C                                  |
| <b>Solubility(ies)</b>                              | No specific test data are available.                            |
| <b>Auto-ignition temperature</b>                    | No specific test data are available.                            |
| <b>Viscosity</b>                                    | <10 mPa s @ 20°C Kinematic viscosity ≤ 20.5 mm <sup>2</sup> /s. |
| <b>Other information</b>                            | Not determined.   |
| <b>Volatile organic compound</b>                    | This product contains a maximum VOC content of 0.5 %.           |

### 10. Stability and reactivity

|   |  |
|---|--|
| <b>Reactivity</b>                         | There are no known reactivity hazards associated with this product.  |
| <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>                | There are no known conditions that are likely to result in a hazardous situation.                                |
| <b>Materials to avoid</b>                 | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |

## Densit® Curing Compound

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Based on available data the classification criteria are not met.

##### Respiratory sensitization

**Respiratory sensitization** Based on available data the classification criteria are not met.

##### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

##### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

##### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

##### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Does not contain any substances known to be toxic to reproduction.

##### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

##### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

##### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

### 12. Ecological information

**Ecotoxicity** The product is not expected to be hazardous to the environment.

**Toxicity** No data available.

#### Ecological information on ingredients.

## Densit® Curing Compound

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)

### Acute aquatic toxicity

LE(C)<sub>50</sub> 0.001 < L(E)C<sub>50</sub> ≤ 0.01

M factor (Acute) 100

### Chronic aquatic toxicity

M factor (Chronic) 100

### Persistence and degradability

Persistence and degradability No data available.

### Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

### Mobility in soil

Mobility No data available.

### Other adverse effects

Other adverse effects Not available.

## 13. Disposal considerations

### Waste treatment methods

#### General information

The generation of waste should be minimized or avoided wherever possible. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. This material and its container must be disposed of in a safe way. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Avoid the spillage or runoff entering drains, sewers or watercourses.

Waste class 08 01 12

## 14. Transport information

#### General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

#### UN Number

UN No. (International) Not applicable.

#### UN proper shipping name

Proper shipping name (International) Not applicable.

#### Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

#### Packing group

Packing group (International) Not applicable.

#### Environmental hazards

## Densit® Curing Compound

### Environmentally Hazardous Substance

No.

### Special precautions for user

Not applicable.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### 15. Regulatory information

### 16. Other information

|                                  |  |
|----------------------------------|--|
| <b>Revision date</b>             | 11/23/2020   |
| <b>Revision</b>                  | 5  |
| <b>Supersedes date</b>           | 10/21/2019   |
| <b>SDS No.</b>                   | 20776  |
| <b>Hazard statements in full</b> | <p>H301 Toxic if swallowed.</p> <p>H302 Harmful if swallowed.</p> <p>H311 Toxic in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H331 Toxic if inhaled.</p> <p>H400 Very toxic to aquatic life.</p> <p>H402 Harmful to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful 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.