CAFCO SPRAYFILM® WB3 WATER BASED INTUMESCENT COATING

Safety data sheet (SDS)

Product information

PRODUCT NAME: Cafco SPRAYFILM® WB3
MARKETED BY: Promat Asia Pacific organisation
INTENDED USES: Water based intumescent coating for fire protection applications in structural steel, tunnels and underground structures.

Composition

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENTS</th>
<th>CAS</th>
<th>EINECS</th>
<th>Symbols/Risk phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>236-675-5</td>
<td>—</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether</td>
<td>111-76-2</td>
<td>203-905-0</td>
<td>Xn; R20/21/22 Xi; R36/38</td>
</tr>
<tr>
<td>Melamine</td>
<td>000108-78-1</td>
<td>–</td>
<td>Xi; R36 Xi; R37</td>
</tr>
</tbody>
</table>

Hazards identification

The product is classified as non hazardous. No significant hazard.

First aid measures

SKIN CONTACT: Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
EYE CONTACT: Rinse immediately with plenty of water for 15 minutes holding eyelids open. Seek medical attention if irritation or symptoms persist.
INHALATION: Move the exposed person to fresh air.
INGESTION: Rinse mouth thoroughly. Drink one to two glasses of water. Seek medical attention if irritation or symptoms persist. Do not induce vomiting.

Fire fighting measures

EXTINGUISHING MEDIA: Use extinguishing media appropriate to the surrounding fire conditions.

Accidental release measures

PERSONAL PRECAUTIONS: Ensure adequate ventilation of the working area. Wear suitable protective equipment.
ENVIRONMENTAL PRECAUTIONS: Do not allow product to enter drains. Prevent further spillage if safe.
CLEAN UP METHODS: Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water.

The information supplied in this SDS is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best available knowledge and belief at the time of publication. However, no guarantee is made to its accuracy. 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 other process. For further technical information up to date, please consult Promat.
Safety data sheet (SDS)

Handling and storage

HANDLING
Avoid contact with eyes and skin. Wear suitable protective equipment. Adopt best manual handling considerations when handling, carrying and dispensing.

STORAGE
Store in original container.

Exposure controls / Personal protection

EXPOSURE LIMITS

<table>
<thead>
<tr>
<th>Substance</th>
<th>WEL 8 hours limit ppm</th>
<th>WEL 8 hours limit mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide (Titanium dioxide respirable)</td>
<td>–</td>
<td>4</td>
</tr>
<tr>
<td>Titanium dioxide (Titanium dioxide total inhalable)</td>
<td>–</td>
<td>10</td>
</tr>
<tr>
<td>Ethylene glycol monobutyl ether (2-Butoxyethanol)</td>
<td>25</td>
<td>–</td>
</tr>
</tbody>
</table>

ENGINEERING MEASURES
Ensure adequate ventilation of the working area

RESPIRATORY PROTECTION
Suitable protective equipment

HAND PROTECTION
Chemical resistant gloves (PVC)

EYE PROTECTION
Approved safety goggles

SKIN AND BODY PROTECTION
Protective clothing

Physical and chemical properties

DESCRIPTION
Liquid

COLOUR
Off white

ODOUR
Mild

pH
8

BOILING POINT
210-215°C

FLAMMABILITY LIMITS
Non flammable

WATER SOLUBILITY
Immiscible in water

VAPOUR DENSITY
<1

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Stability and reactivity

<table>
<thead>
<tr>
<th>STABILITY</th>
<th>Stable under normal conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONDITIONS TO AVOID</td>
<td>Direct sunlight and heat</td>
</tr>
<tr>
<td>HAZARDOUS DECOMPOSITION PRODUCTS</td>
<td>Ammonia, carbon oxides, nitrogen oxides, carbon dioxide (CO₂)</td>
</tr>
</tbody>
</table>

Toxicological information

<table>
<thead>
<tr>
<th>Substance</th>
<th>Oral Rat LD₅₀ = 10001mg/kg</th>
<th>Dermal Rabbit LD₅₀ = 10001mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide</td>
<td>Oral Rat LD₅₀ = 3001mg/kg</td>
<td></td>
</tr>
<tr>
<td>Melamine</td>
<td>Oral Rat LD₅₀ = 3001mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Ecological information

No data is available on this product.

Disposal considerations

Dispose of in compliance with all local and national regulations. Do not discharge into drains, watercourses or soil.

Transport information

The product is not classified as dangerous in the meaning of transport regulations.

Regulatory information

LABELLING The product is classified in accordance with 67/548/EEC.

Other information

TEXT OF RISK PHRASES AS IN 3.2.2

- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- R36 Irritating to eyes.
- R36/38 Irritating to eyes and skin.
- R37 Irritating to respiratory system.

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