

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

HAZARDOUS INGREDIENTS	CAS	EINECS	Symbols/Risk phrases
Titanium dioxide (Titanium dioxide respirable)	13463-67-7	236-675-5	–
Ethylene glycol monobutyl ether (2-Butoxyethanol)	111-76-2	203-905-0	Xn; R20/21/22 Xi; R36/38
Melamine	000108-78-1	–	Xi; R36 Xi; R37

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.
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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.

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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

Titanium dioxide (Titanium dioxide respirable)	WEL 8 hours limit ppm: – WEL 15 minutes limit ppm: –	WEL 8 hours limit mg/m ³ : 4 WEL 15 minutes limit mg/m ³ : –
Titanium dioxide (Titanium dioxide total inhalable)	WEL 8 hours limit ppm: – WEL 15 minutes limit ppm: –	WEL 8 hours limit mg/m ³ : 10 WEL 15 minutes limit mg/m ³ : –
Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8 hours limit ppm: 25 WEL 15 minutes limit ppm: 50	WEL 8 hours limit mg/m ³ : – WEL 15 minutes limit mg/m ³ : –

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

STABILITY	Stable under normal conditions
CONDITIONS TO AVOID	Direct sunlight and heat
HAZARDOUS DECOMPOSITION PRODUCTS	Ammonia, carbon oxides, nitrogen oxides, carbon dioxide (CO ₂)

Toxicological information

Titanium dioxide	Oral Rat LD50 = 10001mg/kg Dermal Rabbit LD50 = 10001mg/kg
Melamine	Oral Rat LD50 = 3001mg/kg

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.
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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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