

## 1. PRODUCT INFORMATION

<b>PRODUCT NAME</b>	Cafco SPRAYFILM® WB3
<b>MARKETED AND MANUFACTURED BY</b>	Promat International (Asia Pacific) Ltd.
<b>INTENDED USES</b>	Water based intumescent coating for fire protection applications in structural steel, tunnels and underground structures.

## 2. 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

## 3. HAZARDS IDENTIFICATION

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

## 4. FIRST AID MEASURES

<b>SKIN CONTACT</b>	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
<b>EYE CONTACT</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
<b>INHALATION</b>	Move the exposed person to fresh air.
<b>INGESTION</b>	Rinse mouth thoroughly. Drink one to two glasses of water. Immediate medical attention is required. DO NOT INDUCE VOMITING.

## 5. FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA</b>	Use extinguishing media appropriate to the surrounding fire conditions.
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## 6. ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS</b>	Wear suitable protective equipment.
<b>ENVIRONMENTAL PRECAUTIONS</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>CLEAN UP METHODS</b>	Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water.

## 7. HANDLING AND STORAGE

<b>HANDLING</b>	Avoid contact with eyes and skin. Wear suitable protective equipment. Adopt best manual handling considerations when handling, carrying and dispensing.
<b>STORAGE</b>	Store in original container.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>EXPOSURE LIMITS</b>		
Titanium dioxide (Titanium dioxide respirable)	WEL 8 hours limit ppm: – WEL 15 minutes limit ppm: –	WEL 8 hours limit mg/m <sup>3</sup> : 4 WEL 15 minutes limit mg/m <sup>3</sup> : –
Titanium dioxide (Titanium dioxide total inhalable)	WEL 8 hours limit ppm: – WEL 15 minutes limit ppm: –	WEL 8 hours limit mg/m <sup>3</sup> : 10 WEL 15 minutes limit mg/m <sup>3</sup> : –
Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8 hours limit ppm: 25 WEL 15 minutes limit ppm: 50	WEL 8 hours limit mg/m <sup>3</sup> : – WEL 15 minutes limit mg/m <sup>3</sup> : –
<b>ENGINEERING MEASURES</b>	Ensure adequate ventilation of the working area.	
<b>RESPIRATORY PROTECTION</b>	Suitable protective equipment.	
<b>HAND PROTECTION</b>	Chemical resistant gloves (PVC).	
<b>EYE PROTECTION</b>	Approved safety goggles.	
<b>SKIN AND BODY PROTECTION</b>	Protective clothing.	

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>DESCRIPTION</b>	Liquid
<b>COLOUR</b>	Off white
<b>ODOUR</b>	Mild
<b>pH</b>	8
<b>BOILING POINT</b>	210-215°C
<b>FLAMMABILITY LIMITS</b>	None flammable
<b>WATER SOLUBILITY</b>	Immiscible in water
<b>VAPOUR DENSITY</b>	<1

## 10. STABILITY AND REACTIVITY

<b>STABILITY</b>	Stable under normal conditions.
<b>CONDITIONS TO AVOID</b>	Direct sunlight. Heat.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Ammonia. Carbon oxides. Nitrogen oxides. Carbon dioxide (CO <sub>2</sub> ).

## 11. TOXICOLOGICAL INFORMATION

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

## 12. ECOLOGICAL INFORMATION

No data is available on this product.

## 13. DISPOSAL CONSIDERATIONS

Dispose of in compliance with all local and national regulations.

## 14. TRANSPORT INFORMATION

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

## 15. REGULATORY INFORMATION

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

## 16. OTHER INFORMATION

<b>TEXT OF RISK PHRASES IN SECTION 2</b>	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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