

## 1. PRODUCT INFORMATION

<b>PRODUCT NAME</b>	Cafco BLAZESHIELD® II
<b>MARKETED AND MANUFACTURED BY</b>	Promat International (Asia Pacific) Ltd.
<b>INTENDED USES</b>	Mineral wool for internal use in fire protection applications as an effective thermal insulator and efficient sound absorbing material, particularly applied to the underside of a floor.

## 2. COMPOSITION

HAZARDOUS INGREDIENTS	Conc.	CAS	EEC	Symbols/Risk phrases
Mineral wool	>60%			Carc. Cat 3: R40
Portland cement	15-30%	65997-15-1	266-043-4	Xi; R36/37/38; R41

## 3. HAZARDS IDENTIFICATION

Irritating to skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.

## 4. FIRST AID MEASURES

<b>SKIN CONTACT</b>	Rinse contaminated area with plenty of water. If irritation persists, obtain medical attention.
<b>EYE CONTACT</b>	Irrigate with water for at least 15 minutes. Obtain medical attention if irritation persists.
<b>INHALATION</b>	Remove to fresh air and rest. If symptoms persist, obtain medical advice.
<b>INGESTION</b>	Wash out mouth with water. Give plenty of water to drink. Seek medical attention immediately.

## 5. FIRE FIGHTING MEASURES

<b>SUITABLE EXTINGUISHERS</b>	Non combustible material.
<b>UNSUITABLE EXTINGUISHERS</b>	Not applicable.
<b>HAZARDOUS DECOMPOSITION</b>	None known.
<b>SPECIAL PROCEDURES</b>	Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS</b>	Wear suitable protective clothing, see <a href="#">SECTION 8</a> .
<b>EXPOSURE CONTROLS</b>	Mark area and warn all personnel. Ventilate area.
<b>DISPOSAL CONSIDERATIONS</b>	Scoop up and place in container to await transfer.

## 7. HANDLING AND STORAGE

<b>HANDLING</b>	Wear suitable protective clothing, see <a href="#">SECTION 8</a> . Ensure adequate ventilation. Avoid inhalation of dust. Avoid inhalation of wool fibres. Avoid skin contact. Avoid eye contact.
<b>STORAGE</b>	Store in cool, dry well ventilated area, off the ground.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>OCCUPATIONAL EXPOSURE LIMIT</b>	None given in EH40.
<b>BIOLOGICAL EXPOSURE LIMIT</b>	Not applicable.
<b>ENGINEERING MEASURES</b>	Ensure adequate ventilation of the working area.
<b>RESPIRATORY PROTECTION</b>	Approved respirator EN 149 FFP1.
<b>HAND PROTECTION</b>	Chemical resistant gloves (PVC).
<b>EYE PROTECTION</b>	Safety goggles BS2092 impact and dust grade.
<b>SKIN AND BODY PROTECTION</b>	Protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>DESCRIPTION</b>	Solid
<b>COLOUR</b>	Brown powdery solid
<b>ODOUR</b>	None
<b>pH</b>	9.5
<b>MELTING POINT</b>	1200°C
<b>FLAMMABILITY LIMITS</b>	None flammable
<b>RELATIVE DENSITY</b>	1
<b>WATER SOLUBILITY</b>	Some grade are partly miscible with water.

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## 10. STABILITY AND REACTIVITY

<b>STABILITY</b>	Stable under normal conditions.
<b>MATERIALS TO AVOID</b>	Acids.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Unknown.

## 11. TOXICOLOGICAL INFORMATION

<b>HEALTH EFFECTS</b>	Irritating to eyes, skin and respiratory tract. Repeated period may cause irritant contact dermatitis.
<b>CHRONIC EFFECTS</b>	Dry non-productive cough.

## 12. ECOLOGICAL INFORMATION

No specific data available. Not expected to be toxic to aquatic life except in high concentration.

## 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

<b>LABELLING</b>	The product is classified in accordance with 67/548/EEC.	
<b>SYMBOLS</b>	✘ <sub>i</sub> (Xi - Irritant)	
<b>RISK PHRASES</b>	R41	Risk of serious damage to eyes.
	R40	Possible risks of irreversible effects.
<b>SAFETY PHRASES</b>	S24/25	Avoid contact with skin and eyes.
	S36/39	Wear suitable protective clothing and eye/face protection. Do not breathe fibres.
	S22	Do not breath dust.
	S26	In case of eye contact, rinse immediately with plenty of water.
	S28	After skin contact wash immediately with plenty of water and soap.

## 16. OTHER INFORMATION

Compiled according to the CHIP Regulations 1994 / Amendments 1997. Further information is available from Promat Sprays Division.

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