

1. PRODUCT INFORMATION

PRODUCT NAME	Cafco MANDOLITE® CP2
MARKETED AND MANUFACTURED BY	Promat International (Asia Pacific) Ltd.
INTENDED USES	Spray applied, factory controlled premix powder for fire protection applications in concrete structures and withstanding the thermal shocks experienced in a high intensity cellulosic fire.

2. COMPOSITION

HAZARDOUS INGREDIENTS	Conc.	CAS	EINECS	Symbols/Risk phrases
Ground limestone, whiting (Marble respirable)	10-20%	1317-65-3		
Portland Cement (Portland cement respirable dust)	30-40%	65997-15-1		Xi;R38 Xi;R41 Xi;R43

3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES

SKIN CONTACT	Irritating to skin. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.
EYE CONTACT	Irritating to eyes. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.
INHALATION	Irritating to respiratory system. Move to fresh air. Consult a physician after significant exposure.
INGESTION	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Consult a physician if necessary. DO NOT INDUCE VOMITING.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Use extinguishing media appropriate to the surrounding fire conditions.
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6. 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	Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

HANDLING	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying and dispensing.
STORAGE	Keep in a cool, dry, well ventilated area. Keep containers tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

Ground limestone, whiting (Marble 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 : –
Ground limestone, whiting (Marble 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 : –
Ground limestone, whiting (Limestone 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 : –
Ground limestone, whiting (Limestone 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 : –
Ground limestone, whiting (Calcium carbonate 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 : –
Ground limestone, whiting (Calcium carbonate total inhalable dust)	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 : –
Portland cement (Portland cement respirable dust)	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 : –
Portland cement (Portland cement total inhalable dust)	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 : –

ENGINEERING MEASURES

Ensure adequate ventilation of the working area.

RESPIRATORY PROTECTION

Dust mask approved to EN 149:2001 FFP1.

HAND PROTECTION

Chemical resistant gloves (PVC).

EYE PROTECTION

Approved safety goggles.

SKIN AND BODY PROTECTION

Protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION	Powder
COLOUR	Light grey
WATER SOLUBILITY	Slightly soluble in water

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions.
MATERIALS TO AVOID	Acids.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION	Ground limestone, whiting	Oral Rat LD50 = 5001mg/kg
ACUTE TOXICITY		Inhalation of dust may cause shortness of breath.
SENSITISATION		May cause sensitisation by skin contact.
REPEATED OR PROLONGED EXPOSURE		Repeated or prolonged exposure may cause dermatitis.

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

LABELLING	The product is classified in accordance with 67/548/EEC.	
SYMBOLS	X_i (Xi - Irritant)	
RISK PHRASES	R38	Irritating to skin.
	R41	Risk of serious damage to eyes.
	R43	May cause sensitisation by skin contact.
SAFETY PHRASES	S22	Do not breathe dust.
	S24	Avoid contact with skin.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S37/39	Wear suitable gloves and eye/face protection.
	P10	Contains chromium VI. May produce an allergic reaction.

16. OTHER INFORMATION

TEXT OF RISK PHRASES IN SECTION 2	R38	Irritating to skin.
	R41	Risk of serious damage to eyes.
	R43	May cause sensitisation by skin contact.

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