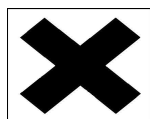


**THOROSEAL PM**

Irritant

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

Product Name	THOROSEAL® PM
Recommended use	Render - Waterproofing agent
Manufacturer / Distributor	BASF Construction Chemicals UK Ltd Albany House, Swinton Hall Road, Swinton, Manchester, M27 4DT Tel: +44 161 794 7411 - Fax: +44 161 727 8547 Website: www.basf-cc.co.uk
Emergency information	UK : Tel: +44 161 794 7411

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical characteristics	Modified sand - cement mixture
Hazardous components	
Portland cement (Cr-VI < or = 2 ppm)	Conc: 20 - 70 % - Einecs: 266-043-4 - CAS: 65997-15-1 - Xi - R36/37/38, R41
Calcium hydroxide	Conc: 1 - 5 % - Einecs: 215-137-3 - CAS: 1305-62-0 - Xi - R41

**3. HAZARDS IDENTIFICATION**

Risks	R36/37/38 - Irritating to eyes, respiratory system and skin. R41 - Risk of serious damage to eyes.
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**4. FIRST AID MEASURES**

Eye contact	Flush with water for at least 15 minutes. Get medical attention.
Skin contact	Remove and wash contaminated clothes. Wash affected area with soap and plenty of water. Get medical attention if irritation persists.
Inhalation	Remove affected person to fresh air. In case of breathing difficulty or distress, get medical attention.
Ingestion	If accidentally swallowed drink plenty of water and obtain medical attention. Point out the high alkalinity of cement.

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media	Foam, water mist, carbon dioxide, dry powder
Extinguishing media which must not be used for safety reasons	Water jet
Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	None
Protective equipment	Wear self-contained breathing apparatus and protective suit.

**6. ACCIDENTAL RELEASE MEASURES**

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**THOROSEAL PM**

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Personal precautions	Avoid contact with skin and eyes. Avoid dust formation.
Environmental precautions	Do not discharge product into drains and sewers.
Methods for cleaning up	Collect mechanically and dispose as per 13.

**7. HANDLING AND STORAGE**

Handling	Avoid dust formation. Do not inhale dust.
Storage	Store away from wet and humid areas.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Exposure limits values	not applicable
Exposure controls :	
Occupational exposure controls	not applicable
Environmental exposure controls	not applicable
Personel protection :	
Respiratory protection	dust mask
Hand protection	protective gloves
Eye protection	goggles
Skin and body protection	tightly closed work clothes Wash hands before breaks and after finishing work. Do not eat, drink or smoke at workplace. Store separate from food and food containers.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form	powder
Colour	various colours
Odour	odourless
Density	not determined
Bulk density	not applicable
pH	> 11 at 20 °C
Flash point	not applicable
Autoignition temperature	not applicable
Vapour pressure	not applicable
Water solubility	miscible
Viscosity	not applicable
Explosion limits :	
- upper	not applicable
- lower	not applicable
Decomposition temperature	not applicable
Boiling point/range	not applicable
Other data	Mixing with water results in an alkaline suspension. Simultaneous hardening with emission of hydration heat occurs. low Chromate - Cr-VI < 2 ppm

**10. STABILITY AND REACTIVITY**

Conditions to avoid	wet and humid areas.
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**THOROSEAL PM**

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Materials to avoid None known  
Hazardous decomposition products None, under application conditions.

**11. TOXICOLOGICAL INFORMATION**

Acute toxicity :  
LD50 oral rat not determined  
LD50 dermal rat not determined  
LD50 dermal rabbit not determined  
LC50 inhalation rat not determined

Acute effects/symptoms :  
Cement and mortar dust irritate eyes and, by prolonged contact, the skin. Mixing with water results in an alkaline suspension that has an irritant effect on eyes and skin.

After eye contact Irritating to eyes.  
After skin contact Irritating to skin.  
After inhalation Inhalation of cement dust may cause irritation of the respiratory tracts.  
After ingestion not determined

Chronic effects None known

**12. ECOLOGICAL INFORMATION**

Ecotoxicity effects Do not discharge into drains and sewers because of high alkalinity. Due to its alkalinity, this product is harmful to fish and other aquatic life forms.  
Discharge only after neutralisation.

**13. DISPOSAL CONSIDERATIONS**

Product Dispose according to local regulations for construction materials.  
Packaging Dispose according to local regulations.

**14. TRANSPORT INFORMATION**

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

Road transport - ADR  
Railway transport - RID  
Sea transport - IMDG  
Air transport - ICAO/IATA

**15. REGULATORY INFORMATION**

Labelling Xi - Irritant  
R-phrases R36/37/38 - Irritating to eyes, respiratory system and skin.  
R41 - Risk of serious damage to eyes.  
S-phrases S 2 - Keep out of reach of children.  
S22 - Do not breathe dust.  
S24/25 - Avoid contact with skin and eyes.  
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 - Wear suitable protective clothing, gloves, and eye/face protection.  
S46 - If swallowed, seek medical advice immediately and show this container or label.

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**16. OTHER INFORMATION**

Further information

None

Relevant changes

R-phrases of components

R36/37/38 - Irritating to eyes, respiratory system and skin.

R41 - Risk of serious damage to eyes.

Important Note

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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