



# SAFETY DATA SHEET

## DUROCEM NEO

REF.: BPIL-DN-01-0122

### 1. Substance Identification

- Description** : DUROCEM NEO WHITE
- Product Description** : Cement-based Polymer modified powder
- Supplier** : **Berger Paints India Limited**  
129, Park Street, Kolkata : 700 017  
Tel : 91-33-2229-9724-28  
Fax : 91-33-2227-7288

### 2. Composition & Components Data

Component	Classification	CAS #	% Range	Primary Hazard
Dolomite	R38	16389-88-1	50 – 85	Mild Irritant
White Cement	Xi, R37/38, R41, R43	65997-15-1	15 - 25	Irritant
Methylhydroxyethylcellulose		9032-42-2	0.1 – 1.5	None

### 3. Hazards Identification

Hazard Identification : Xi Irritant  
R37/38 Irritating to respiratory system & skin; R41 Risk of serious damage to eyes; R43 May cause sensitization by skin contact

### 4. First - aid Measures

<u>HEALTH EFFECTS</u>	<u>EMERGENCY &amp; FIRST AID PROCEDURES</u>	<u>SPECIAL PROTECTION</u>
<b>Skin:</b> Short term exposure-irritant may cause dryness and peeling of skin. Long term exposure – after prolonged or repeated contact with wet general purpose Portland cement, especially as an ingredient in mortar or slurry may result in rash or dermatitis.	Remove dusty clothing, wash off with water, seek medical attention if rash develops.	Skin contact can be minimized by wearing protective clothing and impervious gloves. Launder clothes before re-use
<b>Inhalation:</b> Short term exposure-irritant. May cause soreness of nose and throat. Long term exposure or heavy inhalation will cause cough and discomfort in the chest.	Leave dusty area; seek medical attention if symptoms do not resolve quickly.	Use in well ventilated areas only. Wear an OSHA approved type C air supplied respirator if ventilation is inadequate to keep vapors and mist below the TLV.

#### **4. First - aid Measures**

<b>Swallowed:</b> Mild corrosive action. Will burn mouth and throat. Irritation of stomach may cause pain and nausea. May cause irritation to the gastrointestinal tract.	Wash out mouth and lips with water. Drink plenty of water or milk. Do not induce vomiting. Seek medical attention.	Avoid airborne mists which can be inhaled or swallowed. Use protective mask if necessary. Provide general ventilation or exhaust to control airborne levels below exposure guidelines
<b>Eyes:</b> Short term exposure – irritant. May cause irritation, burning sensation and possible eye damage.	Wash dust from around eyes. Flush with copious water for 10 minutes. Seek medical attention.	Wear chemical safety goggles. If a respirator is required, use full face mask to protect eyes from vapor or mist.

#### **5. Fire Fighting Measures**

- **Flash Point** : Not Applicable
- **Auto ignition Temperature** : Not Applicable
- **Flammability Limits** : Not Applicable
- **Extinguish Media** : Not Applicable
- **Special fire fighting procedures** : Non-combustible

#### **6. Physical Properties**

- **Solubility** : Insoluble in water
- **Appearance (Color, Odor, etc.)** : Fine milky white colored powder
- **Boiling Points** : Not Applicable
- **Mixed Density** : Around 1.5 g/cc.
- **Vapor Pressure** : Not Applicable
- **Percent Volatile (Volume)** : Not Applicable

#### **7. Accidental Release Measures**

- Precautions in spill : Wear suitable protective clothing. Avoid material entering water courses.
- Spill cleanup methods : Remove powder by mechanical means, minimizing the generation of airborne dust.

#### **8. Handling & Storage**

- Store separate from incompatible materials such as acids, water etc.
- DUROCEM NEO shall be stored in its original packing, in sealed condition.

#### **9. Stability & Reactivity Data**

- Conditions to avoid : Avoid contact with strong oxidizing agents, direct heat & water

## **10. Ecological Information**

- **Eco - toxicity** : No known effects. The addition of cement-based products to water will increase its pH which may be toxic to some forms of aquatic life.

## **11. Toxicological Information**

- **Toxicological Information** : Irritant for skin & mucous membrane.

## **12. Exposure Controls & Personal Protection**

- **Personal Protection** : Use safety goggles & gloves.
- **Ventilation** : Well-ventilated area.
- **General Protection** : Wear appropriate clothing. Eyewash facility shall be provided.
- **Breathing Equipment** : Suitable respiratory equipment required if there is a risk of exceeding the Workplace Exposure Limit (WEL).
- **Hygienic work practices** : Wash during breaks & at the end of the work.  
Do not eat, drink or smoke while working with this material.  
Remove any contaminated clothing.

## **13. Disposal Considerations**

- **Disposal Methods** : In accordance with local regulations
- **Contaminated Packaging** : Empty bags / surplus product mix can be disposed off as building site or commercial waste.

## **14. Transport Information**

No special precaution required under the regulation on transport of dangerous goods. Avoid dust spreading.

## **15. Regulatory Information**

- **Hazard Designation** : Xi Irritant

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  - **Risk Phrases** : R-37/38 Irritating to respiratory system & skin  
R-41 Risk of serious damage to eyes  
R-43 May cause sensitization by skin contact

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  - **Safety Phrases** : S-2 Keep out of the reach of children  
S-22 Do not breathe dust  
S-24/25 Avoid contact with skin & eyes  
S-26 In case of eye-contact, rinse immediately with plenty of water & seek medical advice.  
S-36/37/39 Wear suitable protective clothing, gloves & eye/face protection  
S-46 If swallowed seek medical advice
- This data sheet does not constitute a workplace risk assessment.

## **16. Additional Health Data**

Not available.