

SKALFLEX A/S - SAFETY DATA SHEET

Prepared in accordance with the Danish Ministry of Employment Order No. 559 of 4 July 2002 with later amendments.

1. Identification of substance/preparation

Product name: SKALCEM Reinforcing Plaster

Product registration number: -

Application: Apply as repair plaster and limewash

Date: 23 May 2006

SKALFLEX A/S, Industrivej 20b, DK-8800 Viborg, Tel. +45 8661 2299 Fax +45 8661 2199

2. Composition/information on ingredients

Ingredients	EINECS/ELINCS	CAS No.	weight%	classification
Cement	266-043-4	65997-15-1	7-10	Xi; R37/38-41
Calcium hydroxide Fillers	215-137-3	1305-62-0	20-25	Xi; R41

Complete text for risk phrases can be found in item 16.

3. Hazards identification

The product has been classified as dangerous based on Xi; R37/38-41

The product contains cement, which is irritating to the eyes, respiratory system and skin. Contains calcium hydroxide, which may cause severe irritation to burning of the skin and eyes. Risk of serious damage to the eyes.

4. First-aid measures

Inhalation:

Seek fresh air. Get medical assistance if discomfort continues.

Skin contact:

Remove contaminated clothes. Wash off skin in plenty of water and soap. Then apply a rich cream to the skin. Get medical assistance if irritation persists.

Eye contact:

Open eyelids widely and rinse eye with plenty of water for at least 15 minutes. Get medical assistance if irritation does not clear immediately.

Ingestion:

Do not induce vomiting. Let victim drink plenty of water or milk and get medical assistance, if necessary.

5. Fire fighting measures

The product is not flammable.

To the extent possible, remove product from areas exposed to fire hazard.

6. Accidental release measures

If spill occurs in the outdoor environment, contact the fire authorities.

Capture spills with vacuum cleaner.

Spill to be treated as waste. Also see items 8 and 13.

Do not pour product into sewers.

7. Handling and storage

Avoid direct contact with the product, especially after mixing it with water. Use protective gloves and goggles. See item 8.

Use approved respiratory protection for dusty work and mixing with water. See item 8.

Store product in closed original container in a dry and frost-proof room.

Fire rating: -

8. Exposure controls/personal protection

The following contents are subject to disclosure regulations and have exposure limits in accordance with executive order C.0.1, 2005:

Total dust	10 mg/m ³
Respirable dust	5 mg/m ³

Calcium hydroxide 5 mg/m³

Compliance with exposure limits may be verified by occupational exposure measurements.

If necessary, the following personal protective equipment is recommended:

Respiratory protection: Rubber half mask/P2 filters
Gloves: Neoprene/PVC
Eye protection: Goggles/guard, if necessary

9. **Physical and chemical properties**

Appearance:	Powder	Solubility in water	-
Odour	-	Distribution coefficient: n-octanol/water	-
pH (dissolved in water)	12-12.5	Flash point	-
Boiling temperature	-	Auto ignition temperature	-
Melting temperature	-	Explosive limit	-
Steam pressure	-	Viscosity	-
Bulk density	-	Other	-

-: no data or not relevant

10. **Stability and reactivity**

Upon contact with strong acids, carbon dioxide is formed and the product loses its curing properties. Cures upon contact with water or in high-humidity surroundings.

11. **Toxicological information (properties posing a risk to human health)**

Inhalation:

Inhalation of dust will cause severe irritation of the nose, throat and airways.

Skin contact:

The product is highly irritating on skin contact, even when mixed with water.

Eye contact:

The product is highly irritating on eye contact. Risk of serious damage to the eyes.

Ingestion:

Ingestion will cause severe irritation or burns of the stomach and intestinal tract.

12. Environmental information (on contents)

Hazard to the water environment: Insufficient data to apply environmental hazard classification in accordance with regulations from the Danish Ministry of the Environment.

Hazard to other ecosystems: Insufficient data

13. Disposal considerations

Collect large amounts of powder waste in designated containers and send these to a municipal chemical waste receiving facility or directly to *Kommunekemi* (plant for disposing of hazardous waste) or mix with water.

When the mixed waste material has cured, dispose of it as regular construction waste. The product is considered hazardous waste.

European Waste Catalogue Code (EWC Code): 17 09 04
For disposal to *Kommunekemi*, indicate chemical waste group: X.
If transported as waste: See item 14.

14. Transport information

The product is not considered dangerous goods for transportation.

15. Regulatory information

Hazard label on container:

Irritant

Irritating to respiratory system and skin (R37/38)
Risk of serious damage to eyes (R41)

Do not breathe dust (S22)

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26)

Wear eye/face protection (S39)

MAL code (1993): 00 - 4

Chromate contents: less than 2mg/kg dry product

Application limitation: None

Requirements for special training: None

In addition, the product is subject to the following special executive orders:

Order on work with code-numbered products, no. 302 of 13 May 1993.

Order on special duties of manufacturers, suppliers and importers, etc., of substances and preparations pursuant to Working Environment Act, no. 559 of 4 July 2002, see appendix 1 in particular.

16. Other information

Text for risk phrases mentioned in items 2 and 3.

R37/38: Irritating to respiratory system and skin

R41: Risk of serious damage to eyes

Prepared by: Eurofins Miljø A/S, Smedeskovvej 38, DK-8464 Galten, Tel. +45 7022 4266, Fax +45 7022 4255