

Safety Data Sheet

SKAMOL Moler Insulating brick: HIPOR 450

1. Identification of the substance/preparation and of the company/undertaking

Revised on: 28-06-2010/ BL
Replaces: 06-05-2009

Product use: Insulating Bricks

Producer:

Skamol Rus LLC
4 Chernyshevskogo str.
Inza, Ulyanovsk region
433031 Russia
Tel: +7 84241 27053

Supplier:

Skamol A/S
Østergade 58-60
DK-7900 Nykøbing M
Denmark
Tel: +45 97721533 Fax: +45 97724975
Emergency telephone number: +45 97721533
Email: insulation@skamol.dk

2. Hazards identification

The product shall not be classified as hazardous according to EU classification and labelling rules.

3. Composition/information on ingredients

Einecs no.	Substances	Classification	w/w%
238-878-4	Quartz	-	0,1-3,2
215-275-4	Diatomaceous Earth	-	100
<i>Please see section 16 for the full text of the R-phrases</i>			

4. First aid measures

Inhalation

Exposure to dust: Seek fresh air, wash out mouth with water and blow nose thoroughly. Seek medical advice in case of persistent discomfort.

Ingestion

Exposure to dust: Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.

Skin

Exposure to dust: Remove contaminated clothing. Wash the skin thoroughly with water and continue washing for a long time. Seek medical advice in case of persistent discomfort.

Eyes

Exposure to dust: Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.

Other information

Symptoms: See section 11. When obtaining medical advice, show the safety data sheet or label.

5. Fire-fighting measures

The product is not directly flammable. Avoid inhalation of vapour and flue gases – seek fresh air.

6. Accidental release measures

Use the same personal protective equipment as stated in section 8. Sweep up/collect spills for possible reuse or transfer to suitable waste containers. See section 13 for instructions on disposal. Do not sweep – use vacuum cleaner to collect spillage.

7. Handling and storage

Handling

See section 8 for information about precautions for use and personal protective equipment.

Storage

Store in a dry area.

8. Exposure controls/ personal protection

Precautions for use

Work processes where generation of dust may occur must be performed under effective process ventilation (e.g. local exhaust ventilation). Running water and eye wash equipment must be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

Respiratory protection

Wear respiratory protective equipment with P2 filter when cutting the product.

Gloves and protective clothing

Plastic or rubber gloves recommended.

Eye protection

Wear safety goggles if there is a risk of dust contact with eyes.

Occupational exposure limits

Contains no substances subject to reporting requirements.

9. Physical and chemical properties

State: Porous bricks/blocks
Colour: Red
Density (bulk, dry): 525- 950 kg/m³
Melting point: 1300-1350°C
pH: 6

10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions.

11. Toxicological information

Acute

Inhalation

Inhalation of dust may cause irritation to the upper airways.

Ingestion

Exposure to dust: Irritates mucous membranes in mouth and gastrointestinal tract.

Skin contact

Exposure to dust: May cause slight irritation.

Eye contact

Exposure to dust: Temporary irritation.

Long-term effects

Cancer

The product contains respirable quarts, considered to be carcinogens.



12. Ecological information

Do not discharge large quantities of concentrated spills and residue into drains.

13. Disposal considerations

Contact the local authorities.

EWC code: Depends on line of business and use, for instance 17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03

14. Transport information

The product is not covered by the rules for transport of dangerous goods by road and sea according to ADR and IMDG.

15. Regulatory information

Hazard designation: It has been assessed that the product shall not be classified as hazardous according to EU classification and labelling rules.

Other labelling

None.

Chemical safety assessment

Chemical safety assessment has not been performed.

Restrictions on use

None.

Training requirement

No special training is required, but a thorough knowledge of this safety data sheet should be a prerequisite condition.

16. Other information

Sources used

ADR 2007 edition and IMDG 2006 edition.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations + Directive 2006/8/EC.

Commission Directive 2004/73/EC of 29 April 2004 adapting to technical progress for the twenty-ninth time Council Directive 67/548/EEC on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances.

Commission Directive 2006/15/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work 2001/118/EC: Commission Decision of 16 January 2001 amending Decision 2000/532/EC as regards the list of wastes (Text with EEA relevance) (notified under document number

Commission Directive 2001/58/EC of 27 July 2001 amending for the second time Directive 91/155/EEC defining and laying down the detailed arrangements for the system of specific information relating to dangerous preparations in implementation of Article 14 of European Parliament and Council Directive 1999/45/EC and relating to dangerous substances in implementation of Article 27 of Council Directive 67/548/EEC (safety data sheets)

Other information

This safety data sheet was prepared from information provided by the supplier about the product at the time of preparation (e.g. data sheets and the like).

Full text of the R-phrases that are stated in section 3.

No R-phrases.

Amendments have been made in the following sections

1,16