



The Chemical Company

Material Safety Data Sheet

RHEOCEM 247

1. PRODUCT AND COMPANY IDENTIFICATION

Produced / distributed by

BASF Construction Chemicals UAE LLC
P.O. Box, 37127, Dubai, United Arab Emirates
Tel: +971-4-8090800, Toll free 8004939, Fax: +971-4-8851002
Website: www.basf-cc.ae

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization
CAS no. 65997-16-2
CAS no. 10101-41-4
Contains

Modified calcium aluminates

C-R Phrase(s)

3. POTENTIAL HAZARDS

Hazards information

Not classified as hazardous.

4. FIRST AID MEASURES

Eye contact
Skin contact

Inhalation

Ingestion

Flush immediately with plenty of water. Get medical attention.
Change contaminated clothes. Wash affected area with plenty of water.
Remove affected person to fresh air. Keep patient warm and at rest. Do not give anything by mouth
If accidentally swallowed drink plenty of water and obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing media
Suitable
Not to be used
Combustion products
Further information

N/A

6. ACCIDENTAL RELEASE MEASURES

After spillage

Dispose as per section 13.

7. HANDLING AND STORAGE

Technical protective measures
Protection against fire and explosion

Avoid formation of dust
Non – combustible.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits : MAK (DFG, 1996)	10 mg/m ³
TWA(ACGIH,1996)	
Personal protective equipment	
Respiratory protection	Dust Mask
Eye protection	Safety goggles
Skin protection	Rubber Gloves
Other	
Industrial Hygiene	Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Free Flowing Powder
Colour	Grey
Odour	None
Change in physical state	N/A
Boiling point, °C(mm Hg)	
Melting point, °C	
Flash Point(°C)	N/A
Autoignition temperature (°C)	N/A
Explosion limits	N/A
lower	
upper	
Thermal decomposition	None
Bulk Density, kg/m ³ (°C)	~ 800
pH value (°C)	10
Solubility in water(°C)	(20) low
Further information	(*) Mixing with water results in an alkaline suspension. Hardening with emission of hydration heat may occur.

10. STABILITY AND REACTIVITY

Hazardous decomposition products	None
Hazardous reactions	Strongly with acids.

11. INFORMATION ON TOXICITY

Information of toxicity general	Dust irritates eyes and, by prolonged contact, the skin. Mixing with water results in an alkaline suspension that has a irritant effect on eyes and skin. May develop sensitization through skin contact.
Acute oral toxicity (LD50, rat)	N/A
Skin irritation	N/A
Eye irritation	N/A
Other information	Inhalation of dust may cause irritation of the respiratory tracts.

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12. INFORMATION ON ECOLOGICAL EFFECTS

Ecological effect information	No data available.
Other information	

13. DISPOSAL

Disposal	Dispose according to local regulations for construction chemicals.
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14. TRANSPORT

RID/ADR	Non-hazardous
UN No.	
IMDG Code	
GGVE/GGVS	
ICAO/IATA	
ADNR	
Other information	

15. REGULATIONS

Labelling	According to EEC directives concerning preparation	
Symbol		
R Phrase(s)	S22	Do not breathe dust.
S Phrase(s)	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S36	Wear suitable protective clothing.

16. FURTHER INFORMATION

Further information

Approved : DJM

Released : JAH

MSDS VERSION : 01

The above data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Date: 10/12/2010
