



SAFETY DATA SHEET RENDEROC ST 05

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

PRODUCT NAME RENDEROC ST 05

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2 HAZARDS IDENTIFICATION

Risk of serious damage to eyes. Irritating to respiratory system and skin.

CLASSIFICATION Xi;R37/38, R41.

ENVIRONMENT

In the presence of water the product hardens to a solid mass which is not biodegradable. The product is not expected to be hazardous to the environment.

HUMAN HEALTH

Dust may irritate throat and respiratory system and cause coughing. Dust or splashes from the mixture may cause permanent eye damage. Dust has an irritating effect on moist skin. Prolonged contact with wet cement/mixture may cause burns. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
PORTLAND CEMENT (ORDINARY)	266-043-4	65997-15-1	30-60%	Xi;R37/38,R41.

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move injured person into fresh air and keep person calm under observation. If necessary, seek hospital and bring these instructions.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and take these instructions.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

EYE CONTACT

Do not rub eye. Immediately flush with plenty of water and continue flushing during transport to hospital. Bring these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

Water used for fire extinguishing, which has been in contact with the product, may be corrosive.

PROTECTIVE MEASURES IN FIRE

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

6 ACCIDENTAL RELEASE MEASURES

RENDEROC ST 05

PERSONAL PRECAUTIONS

Avoid inhalation of dust. Avoid contact with eyes and prolonged skin contact. Use work methods which minimise dust production. For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

SPILL CLEAN UP METHODS

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. For waste disposal, see section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid inhalation of dust and contact with skin and eyes. Observe good industrial hygiene practices. Change contaminated clothing. Avoid spread of dust.

STORAGE PRECAUTIONS

Mechanical ventilation may be required. Provide easy access to water supply and eye wash facilities.

STORAGE CLASS

Store in closed original container in a dry place. Seal opened containers and use up as soon as possible.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
PORTLAND CEMENT (ORDINARY)			10 mg/m3 total dust		

ENGINEERING MEASURES

Provide adequate ventilation. Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of dust.

RESPIRATORY EQUIPMENT

During dust-raising work : Use respiratory equipment with particle filter, type P2.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear goggles/face shield.

HYGIENE MEASURES

Change contaminated clothing.

PERSONAL PROTECTION

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

SKIN PROTECTION

Wear special protective clothing. Hood or helmet shall be used in connection with work liable to splashes.

ENVIRONMENTAL EXPOSURE CONTROLS

None assigned

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Cement Grey Powder

COLOUR Light grey

ODOUR Odourless

SOLUBILITY Miscible with water.

BOILING POINT (°C) Not relevant

RELATIVE DENSITY 2.1

FLASH POINT (°C) Not relevant

10 STABILITY AND REACTIVITY

STABILITY

The content of chromate reducing agent is gradually diminished. The product will harden into a hard mass in contact with water and moisture.

MATERIALS TO AVOID

Water, moisture.

RENDEROC ST 05

HAZARDOUS DECOMPOSITION PRODUCTS

None under normal conditions.

11 TOXICOLOGICAL INFORMATION

INHALATION

Dust may irritate throat and respiratory system and cause coughing.

INGESTION

Not likely, due to the form of the product. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

SKIN CONTACT

Dust has an irritating effect on moist skin. Prolonged and frequent contact may cause redness and irritation.

EYE CONTACT

Dust or splashes from the mixture may cause permanent eye damage. Immediate first aid is necessary.

SPECIFIC EFFECTS

Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product is not expected to be hazardous to the environment.

MOBILITY

The product is not volatile but may spread by dust-raising handling.

BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

The product is not biodegradable.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Dispose of waste and residues according to agreement with local authorities.

WASTE CLASS

Waste from residues: EWC-code 10 13 06

Empty packaging: EWC-code 15 01 01

14 TRANSPORT INFORMATION

GENERAL

This product is NOT classified as dangerous for transport.

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

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

SAFETY PHRASES

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S51 Use only in well-ventilated areas.
S24/25 Avoid contact with skin and eyes.
S37/39 Wear suitable gloves and eye/face protection.

RENDEROC ST 05

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive, 88/379/EEC. Safety Data Sheets Directive, 91/155/EEC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1999 (SI 1092). Health & Safety at Work, etc. Act 1974. Control of Substances Hazardous to Health Regs. 1999 (SI 437).

APPROVED CODE OF PRACTICE

Waste Management. The Duty of Care.

GUIDANCE NOTES

Occupational skin diseases: health and safety precautions (EH 26). Dust in the workplace: general principles of protection (EH 44). Occupational exposure limits (EH 40).

16 OTHER INFORMATION

GENERAL INFORMATION

Also refer to Safety Data Sheet(s) for information on other components of this product. The data and advice given when the product is used for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned on this sheet. The product should not be used for other than the stated application or applications without seeking advice from Fosroc Ltd. If this product has been purchased for supply to a third party for use at work., it is the purchaser's duty to take all the necessary steps to secure that any person handling or using the product is provided with the information in this sheet. It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken. This sheet does not constitute or substitute for the users own assessment of workshop risk, as required by other health and safety legislation. Further copies of this Safety Data Sheet may be obtained from Fosroc Limited.

RISK PHRASES IN FULL

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