

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **UCRETE Part 3**
(For UCRETE FL, HF100, HF 100RT, MF, MF AS, TZ, TZ AS, TZ Coving, TZ Grout, UD200, UD 200 N, UD200 SR, WR, DP Basecoat B4, DP Basecoat B6, DP Basecoat B9, DP Topcoat, DP Topcoat AS, CP Basecoat B6 AS)

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2. HAZARDS IDENTIFICATION

Safety hazards: Risk of serious damage to eyes
Health hazards: n.d.
Environmental hazards: n.d.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization:	Mineral fillers	
Hazardous Ingredients:	Portland Cement	Calcium Hydroxide
CAS No:	65997-15-1	1305-62-0
EC No:	266-043-4	215-137-3
Hazard symbols:	Xi	Xi
R-phrases:	R41, R36, R38	R41, R38
% Concentration:	25-5%	2.5 – 10%

4. FIRST AID MEASURES

Immediate treatment

Eye contact: Remove contact lenses, keep eyelids open. Flush with plenty of water (10 to 15 min). Call a physician.

Skin contact: Wash away with soap and water and rinse

Inhalation: Take the casualty into the fresh air and keep warm. Call a doctor, should the air passages be affected.

Ingestion: Contact a doctor immediately. Keep at rest. Do not induce vomiting.

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5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Not combustible under normal conditions
Unsuitable extinguishing media:	Waterjet
Special risk:	Appropriate breathing apparatus may be required.
Protective equipment:	Appropriate breathing apparatus may be required.
Additional information	Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Provide for sufficient ventilation. Refer to protective measures listed in sections 7 and 8.
Environmental precautions:	Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Handling:	Do not eat or drink during work- no smoking. Comply with the health and safety at work laws.
Requirements for storage rooms:	Containers should be kept dry and sealed. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Additional information:	Always keep in containers of same materials as the original one. See also instructions on the label. Avoid heating and direct sunlight.
Materials not to be stored together:	n.a.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical measures:	Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.
Exposure limits:	Portland cement (<2ppm of Chrom VI)
	Specification : TRGS 900 (max. limit in the atmosphere at the workplace)
	Parameter : measured as the inhaleable fraction
	Value: 5mg/m ³
	Specification : TLV/TWA (GB)
	Value: 10mg/m ³ / 8h
	Category: INH

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Specification : TLV/TWA (GB)

Value: 4ml/m³ / 8h

Category: RESP

Calcium Hydroxide

Specification : TLV/TWA (GB)

Value: 5mg/m³ / 8h

Category: RESP

Respiratory protection: If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

Eye protection: Use safety glasses.

Hand protection: Nitrile rubber $\geq 0.35\text{mm}$ $> =480$ min. Use protective gloves. After washing hands, replace lost skin fat by fat containing skin creams. By using other gloves with a lower endurance, change them more often.

Body protection: Personnel should wear protective clothing on all parts of the body should be washed after contact. Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of the skin at neck and wrists through contact with the powder is avoided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Powder

Colour: Coloured

Odour: None

Freezing temperature: n.a.

Boiling point: n.a.

Melting point: n.a.

Flash point: n.a. (dry solid)

P1: n.a.

EPL (in): n.a.

Vapour pressure: n.a.

Vapour density: n.a.

Relative density: n.d.

Solubility: Insoluble

pH value: 11-13

Viscosity: n.a.

10. STABILITY AND REACTIVITY

Hazardous reactions (conditions to avoid): Stable under recommended storage and handling conditions (See section 7). Protect against moisture and water.

Materials to avoid: Reactions with acids: development of heat

Hazardous decomposition products: n.d.

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11. TOXICOLOGICAL INFORMATION

Experience on practice: Skin: "tanning", irritation. Eye contact: irritation
Additional toxicological information: The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC)/

12. ECOLOGICAL INFORMATION

Additional information

Ecotoxicity: Do not empty into waters or drains.

13. DISPOSAL CONSIDERATIONS

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

14. TRANSPORT INFORMATION

Class: n.a.
Number/letter: n.a.
Warning sign: n.a.
Hazard No: n.a.
UN No: n.a.

Maritime / Air transport IMDG

UN No: n.a.
PG: n.a.
Class: n.a.
IMDG code page: n.a.

15. REGULATORY INFORMATION

Warning sign: Danger ; Irritant
R-phrases 41 : Risk of serious damage to eyes
38 : Irritating to skin
S-phrases 2 Keep out of the reach of children
35 This material and its container must be disposed of in a safe way.
39 Wear eye / face protection

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- 46 If swallowed, seek medical advice immediately and show this container or label.
- 64 If swallowed, rinse mouth with water (only if the person is conscious).
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 24/25 Avoid contact with skin and eyes

National regulatory information

Regulation on inflammable liquids (VbF) Not dangerous according to Vb F
Water pollution classification: Class : 1 according VwVwS

16. OTHER INFORMATION

Key:

n.a. = not applicable

n.as. = not assigned

n.d. = no data

Reason for Issue: New format based on National Code of Practice for the preparation of MSDS – 2nd edition [NOHSC:2011(2003)]. Change of company name.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.