

Material Safety Data Sheet

1: Identification of the substance preparation and of the company

Manufacturer: Premcrete
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Leeds
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Revision Date: 05/12/2013

Product Name: Prodasil 968

2: Composition / Information on ingredients

SUBSTANCES PRESENTING A HEALTH HAZARD WITHIN THE MEANING OF THE CHEMICALS (HAZARD INFORMATION & PACKAGING) REGULATIONS 1994.

INGREDIENT CONCENTRATION CAS NUMBER HAZARD R. PHRASES%

Silicic acid, diethoxyoctylsilyl
trimethylsilyl ester < 5 216689-57-5
Triethoxyoctylsilane < 5 2943-75-1 Xi R38
Dimethyl siloxane with aminoethylaminopropyl
silsesquioxane, hydroxy-term < 0.5 68554-54-1 Xi R36/38

3. Hazard Identification

Not classified as hazardous at above concentrations. The ventilation of areas close to the application area must be considered in the same way as that of the immediate work area. S24-23(S)-29 see section 15.

4. First Aid measures

INHALATION: Remove patient from exposure, keep warm and at rest If distress is felt after inhalation of vapours, summon medical aid.

SKIN CONTACT: Remove contaminated clothing. After contact with skin, wash immediately with plenty of clean.

EYE CONTACT: In case of contact with eyes, rinse immediately with plenty of clean water. Contact lenses should be removed. Seek medical attention if irritation persists. Eye wash stations should be available in areas where exposure is possible.

5. Fire- Fighters Measures

SUITABLE EXTINGUISHER MEDIA: Carbon dioxide, foam, dry powder or fine water spray. Water can be used to cool fire exposed containers.

EXPOSURE HAZARDS: None known.

SPECIAL PROTECTIVE EQUIPMENT: In a sustained fire, self contained breathing apparatus should be



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6. Accidental Release Measures

PERSONAL PRECAUTIONS: Wear suitable protective clothing, gloves and eye/face protection (S36/37/39). SEE "EXPOSURE CONTROLS/PERSONAL PROTECTION"

ENVIRONMENTAL PRECAUTIONS: Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

CLEANING UP METHODS: Determine the need to evacuate or isolate the area according to your local emergency plan. Very large spills should be contained by bunding, etc, procedures. Mop, wipe or soak up with absorbent material and place in a container with a lid. The spilled product produces an extremely slippery surface. SEE "DISPOSAL CONSIDERATIONS" and "STABILITY AND REACTIVITY"

7. Handling and storage

HANDLING: Wear suitable protective clothing, gloves and eye/face protection (S36/37/39). Do not breathe spray or mist. Eye wash stations should be available in areas where accidental exposure is possible. The normal precautions relating to handling chemicals must be observed. Ensure adequate ventilation to keep the airborne concentrations below the recommended exposure limits. SEE "EXPOSURE CONTROLS/PERSONAL PROTECTION"

STORAGE: Store in dry frost free conditions, in original containers. Protect from high temperatures (40° C+) for prolonged periods. Do not store with oxidizing agents.

8. Exposure Control / personal protection

RESPIRATORY: Normal conditions of ventilation are usually adequate. Wear a respirator, or use local exhaust ventilation as necessary when using in confined areas with inadequate ventilation or whenever there is any risk of the exposure limits being exceeded. This applies not only to the user, but to all people who cannot be vacated from the work area.

HAND: Use heavy duty gloves. Gloves may degrade or be damaged according to different circumstances of use. Always ensure gloves you are using are in good condition. Barrier creams may help to protect exposed areas but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

EYE: Eye protection designed to protect against liquid splashes, conforming to EN 1166 Chemical Grade, should be worn when there is risk of material entering eye. Eye protection is essential when handling alkaline material.

SKIN: Wear suitable overalls. Remove grossly contaminated clothing and wash skin with plenty of clean water. Practice good personal hygiene. **ALL PERSONAL PROTECTION EQUIPMENT MUST BE SELECTED TO**



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9. Physical and Chemical properties

Appearance	White liquid
Odour	Very little
Auto ignition temperature	>100°C
Specific gravity	1
Boiling point	100°C
Flash point	100°C (closed cup)
Explosive properties	None
Viscosity	10 mPa.s at 25°C

10. Stability and Reactivity

STABLE UNDER NORMAL CONDITIONS OF STORAGE (SEE "HANDLING AND STORAGE")

CONDITIONS TO AVOID: Protect from frost.

MATERIALS TO AVOID: Can react with strong oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS: If this product is heated to >150°C, trace quantities of formaldehyde may be released and adequate ventilation is required.

HAZARDOUS POLYMERISATION: None known.

11. Toxicological Information

THIS IS NOT A FULLY TESTED PRODUCT, BUT ASSESSMENT OF THE HAZARDOUS SUBSTANCES SUGGESTS THE FOLLOWING RISKS:

INHALATION: No adverse effects are normally expected.

SKIN: Irritation of skin may occur on prolonged exposure to product.

EYE: Slightly Irritating to eyes.

INGESTION: Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort. The engineering controls and personal protection equipment advised in this Safety Data Sheet are to ensure the occupational exposure limits are not exceeded. Should this happen to anyone within the affected area, there could be delayed adverse health effects.

12. Ecological Information

This product hydrolyses in water or moist air, releasing alcohols and organosilicons. No adverse effects on aquatic organisms are predicted. No bioaccumulation potential. No adverse effects on bacteria are predicted.



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13. Disposal considerations

The product is not classified as hazardous waste and is suitable for controlled waste site disposal. Do not allow into water courses or dispose of where ground or surface waters may be affected. **DISPOSE OF IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS.** Further information on disposal methods and contractors is available from the National Association of Waste Disposal Contractors.

Tel: 020 7824 8882

Fax: 020 7824 8753

14. Transport Information

Not classified.

15. Regulatory Information

EC HAZARD CLASSIFICATION: Not classified.

RISK PHRASES: None. As the product is not classified as hazardous there is no Regulatory Information, but the following Safety Phrases should be properly regarded.

SAFETY PHRASES: S24 : Avoid contact with skin.

S23(S) : Do not breathe spray.

S29 : Do not empty into drains.

OCCUPATIONAL EXPOSURE LIMITS AND STANDARDS ARE ADVISED IN PUBLICATION EH40 FROM THE HSE FOR THE PURPOSE OF REGULATION 7(1) OF THE COSHH REGULATIONS.

