

Material Safety Data Sheet

1: Identification of the substance preparation and of the company

Manufacturer: Premcrete
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Product Name: Prodasil 862W

2: Composition / Information on ingredients

SODIUM SILICATE 10-30%
CAS: 1344-09-8
EINECS: 215-687-4

3. Hazard Identification

Risk of serious damage to eyes.

4. First Aid measures

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

5. Fire- Fighters Measures

EXTINGUISHING MEDIA - Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.



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7. Handling and storage

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Store in original containers between +5 and +25°C. Storage outside these parameters will dramatically reduce shelf life and invalidates all product warranties.

8. Exposure Control / personal protection

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

9. Physical and Chemical properties

State	Liquid
Colour	Colourless
Odour/Taste	Barely perceptible
Evaporation rate	Slow
Solubility in water	Miscible in all proportions
Viscosity	Non-viscous
Boiling point/range	100
Flash point	>200
Relative density	1.3
pH	10-11

10. Stability and Reactivity

STABILITY - Stable under normal conditions.

CONDITIONS TO AVOID - Heat.

MATERIALS TO AVOID - Strong oxidising agents. Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS - In combustion emits toxic fumes.



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11. Toxicological Information

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12. Ecological Information

Mobility: Readily absorbed into soil.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

13. Disposal considerations

Disposal operations: Dispose of according to local or national legislation.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding

14. Transport Information

UN no: -

Shipping name: "NOT SUBJECT TO ADR"

15. Regulatory Information

Hazard symbols: Irritant.

Risk phrases: R41: Risk of serious damage to eyes.

Safety phrases: S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S2: Keep out of the reach of children.

S13: Keep away from food, drink and animal feeding stuffs.

S46: If swallowed, seek medical advice immediately and show this container or label.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

