

SAFETY DATA SHEET

K-Cote S403 Concrete Hardener, Dustproofer & Sealer.

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**Product name:** 403 CONCRETE HARDENER AND DUSTPROOFER**Product code:** CHD5, U25**2. HAZARDS IDENTIFICATION****Main hazards:** Risk of serious damage to eyes.**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous ingredients: SODIUM SILICATE 10-30%
EINECS: 215-687-4 CAS: 1344-09-8
[Xi] R38; [Xi] R41

4. FIRST AID MEASURES (SYMPTOMS)**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.**Inhalation:** No symptoms.**4. FIRST AID MEASURES (ACTION)****Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

[cont...]

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5. FIRE-FIGHTING 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.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / 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: Barely perceptible odour

Evaporation rate: Slow

Solubility in water: Miscible in all proportions

Viscosity: Non-viscous

Boiling point/range°C: 100

Flash point°C: >200

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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.

Haz. decomp. products: In combustion emits toxic fumes.

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 disposal.

14. TRANSPORT INFORMATION

ADR / RID

UN no: Not Classified.

IMDG / IMO

UN no: Not Classified.

IATA / ICAO

UN no: Not Classified.

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.

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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.

Haz. ingredients (label): SODIUM SILICATE

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.

16. OTHER INFORMATION

Risk phrases used in s.3: R38: Irritating to skin.

R41: Risk of serious damage to eyes.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.