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Safety Data Sheet

MOISTURE BLOCKER

Section 1. Identification

Product Use: Liquid Sealer for Concrete
Date Issue: 01/2010

Emergency Telephone Number (U.S): 1-800-535-5053
Emergency Telephone Number (International): 1-352-323-3500
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Section 2. Hazard(s) Identification

HMIS Hazard Rating
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

HEALTH	1	FLAMMABILITY	0	REACTIVITY	0	SPECIFIC HAZARD	0
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Emergency Overview

- 2.1 Classification of the substance or mixture**
 - Eye Damage/irritation (chapter 3.3), Cat. 2B
 - Skin corrosion/irritation (chapter 3.2), Cat. 3
- 2.2 GHS label elements, including precautionary statements**

Signal Word: Warning
Symbol(s)/Pictogram(s): None Required

Hazard Statement(s)

H303	May be harmful if swallowed
H315	May cause skin irritation
H319	May cause serious eye irritation
H335	May cause respiratory irritation

Precautionary statement(s)

P102	Keep out of the reach of children
P260	Do not breathe fume/mist/vapors/spray
P301+P330+P331	IF SWALLOWED, Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: get medical advice/attention.
P363	Wash contaminated clothing before reuse.

2.3 Other hazards which do not result in classification

Additional Information: See Toxicological Information (Section 11)

Section 3. Composition/Information on Ingredients

3.2 Mixtures

1. POTASSIUM SILICATE

Concentration < 20%

Other names/synonyms: ps7; kasil; kasil6; pyramid120; Potassium silicate; soluble potash glass; POTASSIUM SILICATE; SILICATE, POTASSIUM; potash water glass; potassium water glass

EC no: 233-001-1

CAS no: 1312-76-1

H303	May be harmful if swallowed
H315	May cause skin irritation
H319	May cause serious eye irritation
H335	May cause respiratory irritation

2. DEIONIZED WATER

Concentration <80%

Other names/synonyms: Water

EC no: 231-791-12

CAS no: 7732-18-5

THE IDENTITY OF OTHER INDIVIDUAL COMPONENTS OF THIS PRODUCT IS PROPRIETARY INFORMATION AND REGARDED AS A TRADE SECRET.

THIS PRODUCT IS NOT CONSIDERED TO BE OR TO CONTAIN HAZARDOUS CHEMICALS BASED ON EVALUATIONS MADE BY OUR COMPANY UNDER THE OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200

Section 4. First Aid Measures

Eye Contact Immediately flush eyes with plenty of water. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if necessary.

Skin Contact Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops.

Inhalation Move exposed person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion Do not induce vomiting unless directed to do so by medical personnel. Dilute with large amounts of water and weak vinegar or orange juice. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. If affected person is conscious, give plenty of water to drink. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flash Point: None

Flammable Limits: N/A

Flammability: Non-flammable

Fire Hazard: None

Fire-Fighting Procedures: Use an extinguishing agent suitable for the surrounding fire

Section 6. Accidental Release Measures

6.1 Spills Put on appropriate personal protective equipment (see section 8). Dilute with more water and mop up if water soluble or absorb with an inert dry material and place in an appropriate waste

disposal container. Absorbent materials such as sawdust, vermiculite or sand may also be used to clean a small spill.

6.2 Disposal Method Dispose of in accordance with state, federal, or local Regulations.

Section 7. Handling and Storage

7.1 Handling Put on appropriate personal protective equipment (see section 8). Avoid contact with eyes, skin and clothing. Do not breathe vapor or mist. Do not ingest. Do not reuse container. Wash thoroughly after handling.

7.2 Storage Store in closed container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10), food and drink, and children. Store between the following temperatures: 40°F – 120°F (4.4°C – 49°C).

Section 8. Exposure Controls/Personal Protection

8.1 Control parameters: N/A

8.2 Exposure controls: As the use of adequate technical equipment must always take priority over personal protection equipment, make sure that the workplace is well ventilated. Personal protection is indicated below.

HANDLING PROTECTION: Protect hands with work gloves, such as those with PVC, neoprene, nitrile or equivalent. Gloves' limit depends on the duration of exposure.

EYE PROTECTION: Wear protective goggles.

SKIN PROTECTION: Wear long sleeves, pants, and safe footwear to avoid skin irritation. Wash body with soap and water if there is prolonged exposure.

RESPIRATORY PROTECTION: Use with adequate ventilation. A respirator is not needed under normal and intended conditions of product use.

Section 9. Physical and Chemical Properties

Boiling Point: 212°F
Vapor Pressure: N/A
Solubility in water: Complete
Specific Gravity: 1.094
PH (1% solution): 8.96
Appearance & Color: Clear liquid- No odor

Section 10. Stability and Reactivity

Chemical Stability:	Stable
Materials to Avoid:	Do not mix with other chemicals
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	None

Section 11. Toxicological Information

11.1 Information on Effects:	Acute effects: stinging eyes. Contact with skin may cause: irritation, erythema, edema, dryness and chapped skin. Vapor inhalation may slightly irritate the upper respiratory tract. Ingestion may cause stomach pain, nausea and sickness.
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Section 12. Ecological Information

12.1 Environmental Effects:	No known significant effects or critical hazards.
12.2 Aquatic Eco-toxicity:	Not available.

Section 13. Disposal Considerations

13.1 Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.
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Section 14. Transport Information

DOT UN Status: This material is not regulated hazardous material for transportation.

Section 15. Regulatory Information

Federal and State Regulations:

SARA 313 toxic chemical notification and release reporting:

Clean Water Act (CWA 307):	No products found
Clean Water Act (CWA 311):	No products found
Clean Air Act (CAA) 112 regulated toxic substances:	No products found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

Section 16. Other Information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage, and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication. However, no representation, warranty, or guarantee of any kind, expressed or implied, is made to its accuracy, reliability or completeness. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any other process. We assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the buyer's responsibility to ensure that activities comply with federal, state, and local laws.