



MATERIAL SAFETY DATA SHEET

Issue date: 12th May, 2008

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: EUCO DIAMOND HARD

Company: Tremco Pty Limited ABN 25 000 024 064
Address: Unit 1, 2 Park Road, Rydalmere, New South Wales, 2116
Contact Nos.: Telephone: (02) 9638 2755 Fax: (02) 9638 2955
Emergency Telephone: 1800 224 512 7am to 5pm Monday to Friday inclusive
Product Code: 260000 200L drum
Recommended
Use: Sealer
Manufacturer's Product
Code: 059H 55
Proper Shipping
Name: CAUSTIC ALKALAI LIQUID CORROSIVE NOS

2. HAZARDS IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA AND DANGEROUS ACCORDING TO THE ADG CODE

Symbols: Xn Harmful
C Corrosive

Hazchem Code: 2R
Risk Phrases: R20/21/22 Harmful by inhalation, in contact with skin and if swallowed

Safety Phrases: S2 Keep out of the reach of children
S7/9 Keep container tightly closed and in a well ventilated place
S25 Avoid contact with eyes
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
S60 This material and its container must be disposed of as hazardous waste

Emergency Overview

Clear. Liquid solution. May cause mucous membrane irritation. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : May cause mucous membrane irritation.
Eyes : May cause irreversible damage and burns to the eyes.
Ingestion : May cause burns to lips, tongue, oral mucosa, esophagus and stomach.
Skin : May cause severe burns, blistering and skin damage.

Aggravated Medical Conditions

Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

Target Organs: Skin, Eye and Lung.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:	CAS Number:	Proportion:
Water	7732-18-5	>60.0%
Sodium Silicate	1344-09-8	10.0-30.0%
Potassium methylsiliconate	31795-24-1	7.0-13.0%

4. FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention immediately.

Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.

Ingestion : Get medical attention. Do not induce vomiting unless advised by a physician. Call nearest Poison Control Centre (Ph. 13 11 26 in all states)

5. FIRE FIGHTING MEASURES

Flash point : Not available
Method : Not available
Lower explosion limit : Not available
Upper explosion limit : Not available
Autoignition temperature : Not available

Extinguishing media : This product is not expected to burn under normal conditions of use.

Hazardous combustion Products : Carbon monoxide and carbon dioxide can form. Hydrogen chloride. Smoke, fumes.

Protective Equipment for Firefighters: Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained

breathing apparatus (SCBA).

Fire & explosion conditions: This product not expected to ignite under normal conditions of use.

Additional Information: Hazchem code 2R

6. ACCIDENTAL RELEASE MEASURES

Observe all local and national regulations

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

7. HANDLING & STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapour, ingestion, and contact with skin, eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

- Respiratory protection : Not required under normal conditions of use. Wear appropriate, NIOSH/MSHA approved respirator with combination particulate filter and vapour/gas removing cartridge when the ventilation is not adequate or if it is necessary to abrade or grind surfaces coated with this product.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

No known components with exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid solution
Colour:	Clear
Odour	None
pH:	13 - 14
Vapour Pressure :	Not available
Vapour Density :	Not available
Boiling Point / Range(°C):	100°C
Freezing/Melting Point:	Not available
Solubility in Water:	Soluble
Specific Gravity :	1.219
Percent Volatiles:	76.4%

10. STABILITY AND REACTIVITY

Substances to avoid :	Acids. Metal.
Stability :	Stable
Hazardous polymerization :	Will not occur.

11. TOXICOLOGICAL INFORMATION

Sodium silicate, CAS-No.: 1344-09-8
Acute oral toxicity (LD-50 oral) 1,100 - 1,600 mg/kg (Rat)
1,100 mg/kg (Mouse)

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure waste disposal conforms to local waste disposal regulations.

This material contains environmentally hazardous substances. Subject to hazardous waste treatment, storage and disposal requirements. Relevant regulations and competent authorities should be consulted for disposal requirements.

14. TRANSPORT INFORMATION

UN Number: 1719
Proper Shipping Name: CAUSTIC ALKALAI LIQUID CORROSIVE NOS
Class: 8
Packing Group: III
Hazchem Code: 2R]
Special Precautions for User: None

15. REGULATORY INFORMATION

Risk & Safety Phrases listed in Section 2.

Classified as Hazardous according to criteria of Worksafe Australia.

OSHA Hazardous Components: Sodium silicate 1344-09-8
Potassium methylsiliconate 31795-24-1

OSHA Status: Considered hazardous based on the following criteria:
Irritant
Corrosive

OSHA Flammability: Not Regulated
Regulatory VOC
(less water and exempt solvent): 0 g/l
VOC Method 310: 0 %

16. OTHER INFORMATION

Hazardous Materials Information System:

Health	3
Flammability	0
Reactivity	1
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

For Industrial Use only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own

investigation of compliance with applicable regulations, including the safe use and storage of the product under every foreseeable condition.

Website: www.tremco.com.au

The information sourced for the preparation of this document was correct and complete at the time of writing or to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority.