

MATERIAL SAFETY DATA SHEET

Product Code: M810: File P:\FA Development\MIR\Website\Content\Material Safety Data Sheets\ClearSeal MSDS.doc

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SECTION 1 – STATEMENT OF HAZARDOUS NATURE, CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC AND CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO THE ADG CODE.

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Product Name: **CLEAR SEAL**

Use: *Sandstone and porous surfaces water repellent*

SECTION 2 – COMPOSITION & INFORMATION ON INGREDIENTS

CAS#	Chemical Name	%
31795-24-1	Potassium Methyl Siliconate	<10
-	Non hazardous materials	to 100

SECTION 3 – HAZARDS IDENTIFICATION

Hazard Rating: FIRE – 0, REACTIVITY – 0, TOXICITY - 0

4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

Routes of Exposure & Effects

Skin: Prolonged or repeated contact may cause irritation, redness, drying

Eye: Liquid and mists will irritate eyes and may cause tearing or burning

Ingestion: Ingestion may cause irritation of digestive tract

Inhalation: Spray or mists may cause irritation or burning of mucous membranes.

Acute & Chronic Overexposure Effects

Acute: May cause mild to moderate irritation to the eyes, skin, and mucous membranes.

Chronic: Unnecessary exposure to any chemical should be avoided.

Medical Conditions Generally Aggravated by Exposure: None Known.

SECTION 4 - FIRST AID MEASURES

EYES: Immediately flush eyes with copious amounts of water. If irritation persists, seek medical attention.

SKIN: Wash with soap and water. If irritation persists seek medical attention.

INHALATION: Relocate to fresh air. If symptoms persist, seek medical attention.

INGESTION: *DO NOT INDUCE VOMITING!* Drink 1 or 2 glasses of water. If spontaneous vomiting is inevitable, prevent aspiration by keeping the victim's head below knees. Seek immediate medical attention.

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SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: None Open/Closed: N/A

Flammable Limits: LEL: Not Applicable UEL: Not Applicable Fire extinguishing materials:

Use appropriate agent for surrounding materials.

Special fire fighting procedures: None

Unusual fire & explosion hazards: None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills or leaks: Soak up with compatible absorbent material (sand, clay litter, diatomaceous earth). Collect and seal in appropriately labelled containers. Wear appropriate clothing to prevent skin and eye contact. Flush spill area with water.

SECTION 7 – HANDLING AND STORAGE

Storage & Handling: Store material in cool, dry location. Protect from freezing to prevent coagulation of material. Keep containers closed at all times. Avoid storing in aluminium and light alloy containers. Store away from acids. Comply with DG storage conditions for Class 8 goods.

Ventilation & Exhaust: Local exhaust and openings.

SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

OSHA Exposure limits: PEL: None Established

NOHSC Exposure Limits

ACGIH TLV: None Established

Respiratory Protection: If spraying or atomizing, wear NIOSH approved high-efficiency respirator rated for mists, dusts, and particulates

Eye Protection: Wear goggles or safety glasses.

Gloves: Wear rubber, nitrile or latex gloves. Use as necessary to prevent skin contact.

Other Clothing or Equipment: Use as necessary to prevent skin contact.

Work/Hygienic Practice: Normal, safe work practices should be exercised when using this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour: Pale yellow liquid with mild odour

Boiling Point: 100°C

Melting Point: Not Applicable

Vapour Pressure (mmHg): 30mm

Solubility in H₂O: Complete

Specific Gravity (H₂O = 1): 1.02

Evaporation Rate (Butyl Acetate = 1): <1

pH: 12.5

Vapour Density: Not Applicable

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (Materials to avoid): Acids, aluminium and light alloys.

Hazardous byproducts of decomposition/combustion: None

Hazardous polymerization: Will not occur

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SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Data

No components listed as carcinogenic with: OSHA, NTP and IARC

SECTION 12 – ECOLOGICAL INFORMATION

No data

SECTION 13 – DISPOSAL

Waste Disposal: Dispose materials in accordance with all applicable local, state and federal regulations.

SECTION 14 – TRANSPORT INFORMATION

Australian Dangerous Goods Classification: UN 1760, Shipping Name: Corrosive Liquid, N.O.S.(Potassium methylsilicate); Class:8; Hazchem 2X; Packing Group III

SECTION 15 – REGULATORY INFORMATION

NOHSC (Worksafe) Labelling: C Corrosive; R35 Causes severe burns; S1/2 Keep locked up and out of the reach of children) S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37/39 Wear suitable gloves and eye/face protection S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)

SUSDP Classification: S5 (Alkaline salts)

SECTION 16 – OTHER INFORMATION

Note 1: While no PEL or TLV established for this chemical, guidelines for potassium hydroxide are recommended during heavy and prolonged use.

Abbreviations (if used):

OSHA Occupational Safety and Health Administration

NTP National Toxicology Program

IARC Int'l Agency for Research on Cancer Monographs

The above information is accurate to the best of the knowledge available to us. However since data safety standards and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control we make no warranty, whether express or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Users should satisfy themselves that they have all current data relevant to their particular use.