

# SAFETY DATA SHEET

Issue date: March 2014

## MUROBOND MINERAL SILICATE PAINT

NON-HAZARDOUS ACCORDING TO THE CRITERIA OF WORKSAFE AUSTRALIA

### 1. PRODUCT AND SUPPLIER IDENTIFICATION

Trade Name: Murobond Mineral Silicate Paint  
Product Class: Pigmented potassium silicate emulsion  
Intended Use: Protective and decorative finish for bare masonry surfaces  
Supplier: Murobond Coatings Pty Ltd  
81 – 83 Dickson Ave,  
ARTARMON NSW 2064  
Telephone No.: 02 9906 7299  
Facsimile No.: 02 9439 7593

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview:

Appearance: White liquid, mild odour.  
Closed containers may rupture when exposed to extreme heat.  
Route(s) of Entry: Eye contact, ingestion, inhalation and skin contact.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	Cas No	Content	Maximum Exposure Limits
Potassium silicate	Proprietary	< 30%	none assigned
Additives (non hazardous)	N/A	<5%	none assigned
Acrylic polymer	Proprietary	<10%	none assigned
Water	7732-18-5	to 100%	none assigned

### 4. FIRST AID MEASURES

**Eyes:** If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek medical attention if irritation occurs.

**Ingestion:** If swallowed in quantity, dilute by giving 2 glasses of water to drink. Do NOT induce vomiting. Seek urgent medical attention if frothing at the mouth occurs.

**Inhalation:** First aid is not generally required. If symptoms such as dizziness or headaches occur, remove to fresh air. If symptoms do not subside seek medical attention.

**Skin:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Wash clothing before re-use. If irritation occurs, seek medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash Point:** Not applicable.

**General Hazards:** Containers of this material may build up pressure if exposed to heat.

**Fire fighting extinguishing media:** All.

**Fire fighting equipment:** Wear self-contained breathing apparatus (SCBA) and full firefighting protective clothing. Thoroughly decontaminate all protective equipment after use.

**Fire & explosion hazards:** This material is not flammable.

## 6. ACCIDENTAL RELEASE

**Small spills:** Absorb the liquid with inert material such as dry sand or earth and place it in a chemical waste container.

**Large spills:** Persons not wearing protective equipment should be evacuated from the area of spill until cleanup has been completed. Stop leak at source when it is safe to do so. Dike and pump the liquid into waste containers.

## 7. HANDLING & STORAGE

Store in a cool dry area, away from direct sunlight. Keep containers closed.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: No limit value established for this product.

Engineering controls: Use in a well ventilated area.

Personal Protection: This product is alkali so skin and eyes should be covered with gloves, overalls, and glasses with side shields to prevent contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Odour:	Coloured viscous liquid with mild odour.
Boiling Point:	100°C (Water)
Flash Point:	Not applicable
Vapour Density:	Not available
Specific Gravity:	1.5
Evaporation Rate:	Not available
Flammability Limits:	Not applicable
Solubility in water:	Completely dispersible
pH:	Approx. 11
Volatile Organic Compound:	< 1g/litre

## 10. STABILITY & REACTIVITY

Stability:	Stable
Hazardous Polymerisation:	Will not occur
Incompatibility:	None known
Conditions to avoid:	Warm storage
Hazardous Decomposition Products:	Can yield carbon monoxide if exposed to fire.
Hazardous reactions:	None known.

## 11. TOXICOLOGICAL INFORMATION

Effects of prolonged exposure:

EYES: Alkalinity will irritate eyes

SKIN: Contact with skin may result in irritation.

INHALATION: With poor ventilation, may cause irritation to mucous membranes.

INGESTION: Large quantities may cause nausea / vomiting and alkali burns to throat.

CHRONIC EFFECTS: None expected.

## 12. ECOLOGICAL INFORMATION

Free of Hazardous Air Pollutants (HAPS).

Avoid contaminating Waterways.

## 13. DISPOSAL INFORMATION

Refer to State / Territory Land Waste Management Authority.

Do not pour down drains.

Dispose of in approved landfill.

## 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code), IMDG & IATA.

## 15. REGULATORY INFORMATION

Non Hazardous according to the criteria of Worksafe Australia.

**Hazard Category:** None

**Poisons Schedule:** None

## 16. OTHER INFORMATION

All components within this product are listed on the AICS.

Reason Issued: Revised SDS

Prepared By: Murobond Coatings Pty Ltd

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