

Safety Data Sheet



Steel Cladd All In One

No SCAIO01

Date 04/25

COMPANY DETAILS

Company Name: MEDAL PAINTS (PTY) LTD
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INDUSTRIA
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Contact Numbers: Tel: (011) 661-5700 Fax: (011) 661-5701

1. PRODUCT IDENTIFICATION

Commercial Name: Steel Cladd All In One Primer - Waterbased

General Product Use: Protection/etching of Steel surfaces.

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Styrene Acrylic, Water/Phosphoric acid dilution, Coalescent Solvents, Thickeners, Pigments, Extenders & other ingredients determined not to be hazardous, including water, to 100%, Lead Free.

Ingredients	Weight
Styrene Acrylic	35 - 40
Residual Monomers	<0.05
Ammonium Hydroxide	0.1Max
Water	55- 60

3. HAZARDS IDENTIFICATION

If Swallowed: No data supplied, but is not expected to be harmful.

Eye Contact: May be an eye irritant.

Skin Contact: Prolonged or repeated contact with skin may result in irritation or rash.

Inhalation: Excessive exposure to vapours or spray mists may cause irritation to eyes, nose and throat.

Carcinogenicity: According to definitions of the U.S. Hazard Communications Standard and the Canadian WHMIS regulation, components are not listed on the NPT, JARC, ACGIH or OSHA carcinogen lists, and there are no studies implicating components as cancer causing agents in humans or animals.

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4. FIRST AID MEASURES

Eye Contact: Immediately flush with large amounts of water for at least 15 minutes while holding the eyelids open. Do not attempt to neutralize with chemical agents. Contact a physician immediately.

Skin Contact: Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Do not attempt to neutralize with chemical agents. Contact a physician if irritation develops.

Ingestion: If patient is conscious, induce vomiting. Do not induce vomiting in an unconscious person. Contact a physician immediately.

Inhalation: Remove from contaminated atmosphere. If breathing has stopped, give artificial respiration then oxygen if needed. Contact a physician immediately.

First Aid Facilities: Eye wash fountains and safety showers should be easily accessible.

5. FIRE FIGHTING MEASURES

- ☐ Unusual Hazards: Material can splatter above 100°C. Dried product can burn.
- ☐ For fires involving this material, use water; carbon dioxide; dry chemical or foam.
- ☐ Fire involving Tanks or Bulk containers: Fight fire from a safe distance or use unmanned hose holders or monitor nozzles. Do not allow water to enter inside containers.
- ☐ Cool containers with large quantities of water until fire has been extinguished.
- ☐ Isolate spill/leak area of at least 25-50 metres in all directions.
- ☐ Keep all unauthorised personnel away from the area.
- ☐ Wear chemical protective clothing including a self-contained breathing apparatus (SCBA) with full-face piece.
- ☐ If a vehicle is involved in a fire: evacuate and isolate area for 800 metres in all directions.

6. ACCIDENTAL RELEASE MEASURES

Spill and Release Procedure: Evacuate area of nonessential personnel. Use safety glasses, gloves and breathing apparatus. Scoop or shovel spilled solids into containers or waste facility. Remove sources of heat and flame. Provide adequate protective equipment and ventilation. Notify the local occupational and environmental authorities. Eliminate all ignition sources (ie; smoking, flares, sparks or flames) in the immediate area. Do not handle and/or touch damaged containers or spilt material without wearing the appropriate protective clothing. Absorb or cover with dry soil or another non-combustible material and transfer to containers. Prevent spilled product or contaminated wash water from entering drinking water supplies or streams. Do not allow water to enter inside containers.

This product will not support combustion, However , it will burn in general fire, once all the water has been driven off.

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7. HANDLING AND STORAGE

Work/Hygienic Practices: Wash thoroughly after handling. Wash contaminated clothes before re-use. Launder work clothes separately from family clothes. Check protective clothing, particularly impervious gloves for leaks before use.

Handling Precautions: No special or unique handling requirements.

Storage Precautions: Store in cool, dry and well-ventilated area. Keep containers closed and away from heat, sparks or flame. Do not cut, puncture or weld on or near container. Do not enter storage area unless area is adequately ventilated. Keep from freezing – material may coagulate. The recommended storage temperature is between 5C and 49C.

8. EXPOSURE CONTROL & PERSONAL PROTECTION

Occupational Exposure Limits: No exposure limits established.

Controls: The control measures appropriate for a particular worksite depends on how this material is used, and on the extent of exposure. The best protection is to enclose operations and/or provide local exhaust ventilation at the site of chemical release. Use a non-sparking, grounded ventilation system separate from other exhaust systems. Exhaust directly to the outside to supply sufficient replacement air that has been removed. Have a safety shower available in the immediate vicinity of the work area.

Personal Protection: If the working environment and practices are not effective in controlling this material, then wear suitable protective equipment such as chemical safety goggles & face shield, boots, impervious gloves, coveralls and respiratory protection. Have the appropriate equipment available for use in emergencies.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance /Finish: Matt

State: Liquid

Vehicle Type: Stryrene Acrylic

PH: 4 - 6

Specific Gravity (Water = 1) 1,15 g/cm³

Flash Point Min: Not applicable

Solids Content: 35-40% by weight

Viscosity @ 25° C: 110-120 Krebs Units

Boiling Point: 100°C approx (water)

Solubility in Water: Dilutable

10. STABILITY AND REACTIVITY

Stability: This material is considered stable.



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Hazardous Decomposition Products: Thermal decomposition may yield styrene and acrylic monomers.

Incompatibility: There are no known materials which are incompatible with this product.

11. TOXICOLOGICAL INFORMATION

Acute Data: The information shown in section 3, Hazards Identification, is based on the toxicity profiles for a number of acrylic emulsions that are compositionally similar to this product.

12. ECOLOGICAL INFORMATION

No data available for this material.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Disposal in accordance with local legal provisions. Disposal recommendations apply to the original material and its container, and not to any materials, which are a waste by-product of the users operation. Chemical residues generally count as special waste.

The disposal of the latter is regulated through corresponding laws and regulations. The local authorities in charge of approved waste disposal companies must be contacted to dispose of special waste.

14. TRANSPORTATION INFORMATION

Shipping Name: Not Regulated

ADR Class: Not Regulated

IMO Class: Not Regulated

JATA Class: Not Regulated

Marine Pollutant: Yes

Subsidiary Risks: None

Tremcard No: ****

IMDG-Packaging Group: 111

15. REGULARITY INFORMATION

All components of this product are in compliance with the inventory listing requirements of the US Toxic Substances Act (TSCA) Chemical Substance Inventory.



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16. OTHER INFORMATION

Take precautionary measures against static discharges. In case of discomfort always seek medical advice.

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Medal Paints Regularity Services Department
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