

Material Safety Data Sheet

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Supplier: B.H. McDonald & Associates Pte. Ltd
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SECTION 2 COMPOSITION

Chemical Name: Silica-containing Acrylic Emulsion
Composition: Acrylic Emulsion, Silica
Molecular Formula: Mixture
MITI No.: 6-186
CAS. No.: 100-42-5 STYRENE MONOMER, STABILIZED
79-10-7 ACRYLIC ACID, STABILIZED

SECTION 3 HAZARDOUS INFORMATION

Class: N/A
Physical Impact: N/A
Biological Impact: N/A
Ecological Impact: N/A

SECTION 4 FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water. Get medical attention immediately.
Skin Contact: Remove with wiping rags and wash with soap. Get immediate medical attention if irritated.
Inhalation: Remove to fresh air. If having a headache or vomiting, get medical attention immediately.
Ingestion: Immediately induce vomit with plenty of water. Get medical attention immediately.

SECTION 5 FIRE FIGHTING MEASURES

Special Fire Fighting Procedures:
The product will not burn because it is water-based. However, dried product is flammable. Use dry chemical, CO₂ or dry sand when fighting fires involving this product.
Extinguish Media: Dry chemical, foam, CO₂, or dry sand (for painted surface).

SECTION 6 ACCIDENTAL RELEASE MEASURES

In case of small spill, absorb liquid with dry sand or wiping rags, and place in non-leaking container.
In case of large spill, prevent product leakage before using dry sand or wiping rags. Avoid run off into storm sewers, ditches, and waterways.

SECTION 7 PRECAUTIONS FOR HANDLING AND STORAGE

Handling: Use with adequate ventilation. Wear goggles, a gas mask, protective gloves, and clothes.

Storage: Store in the cool, dry place. Avoid storing in areas exposed to direct sunlight. Keep from freezing temperature (below 5°C). Keep container tightly closed when not in use. Keep out of reach of children.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Standard Control Concentration: N/A

Acceptable Concentration: No data available in the lists of Japan Society for Occupational Health or ACGIH.

Recommended Facilities: Ventilation, eyewash station, and hand wash station

Protective Equipment: Respiratory protection – gas masks
Eye protection – goggles if splash is possible
Protective clothes – cotton clothes recommended
Protective gloves – liquid resistant gloves if skin contact is possible.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Product Color

Boiling Point: No Data

Melting Point: No Data

Solubility in Water: Soluble

Vapor Pressure: No Data

Specific Gravity: 0.85 @25°C

SECTION 10 STABILITY AND REACTIVITY

Flash Point: No Data

Ignition Point: No Data

Explosive Limit: No Data

Stability: Stable

SECTION 11 TOXICOLOGICAL INFORMATION

Skin Effects: Prolonged contact may cause skin dermatitis.

Inhalation Effects: Inhalation of vapors may cause headache.

Sensitization Tests: Nothing particular.

Acute Toxicity Tests: Nothing particular.

SECTION 12 ECOLOGICAL INFORMATION

No ecotoxicity is found for this product. Leakage of product into river may cause damage to living organisms.

SECTION 13 DISPOSAL INFORMATION

Dried product must be incinerated by industrial waste management contractor.

SECTION 14 TRANSPORT INFORMATION

Right side up, with care.

Fire Defense Law: N/A

SECTION 15 REGULATORY INFORMATION

Fire Defense Law: N/A

Pollutant Release and Transfer Register Law (PRTR): N/A

SECTION 16 OTHER INFORMATION

N/A

SECTION 17 DISCLAMIER

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