

Boscryl SA57

SECTION I: Identification of the Substance and the Company

1. Identification:

Product form: Substance
Substance name: Styrene Acrylic
CAS-No. : No information available
Formula: C₁₁H₁₁O₂
Synonyms: No information available

2. Recommended Use and Restriction of Use:

Use of the substance/mixture: For use in superior quality exterior/interior emulsion paints with high sheen, textured coating & construction chemicals.

3. Supplier Details:

Supplier: BosTech Polymer LLC.FZ
Address: Office 332, European Business Centre, Dubai Investment Park 1, Dubai, United Arab Emirates
Telephone: +971 54 2943817
E-mail: info@bostechpolymer.com

SECTION II: Hazards Identification

Harmful if swallowed.

SECTION III: Composition/Information on Ingredients

Water Based Acrylic Emulsion Conc. Wt%
48.5% Monomers
1.5% Emulsifiers
50% Water

SECTION IV: First Aid Measures

1. Description of necessary first aid measures:

- a. First-aid measures general:** Remove soiled, soaked clothing immediately. Medical treatment is necessary if symptoms are evidently caused by the effects on the skin, the eyes, or by swallowing.
- b. First-aid measures after inhalation:** Fresh air is used after inhalation.
- c. First-aid measures after skin contact:** Wash off immediately with soap and water. If skin irritation occurs, consult a physician.
- d. First-aid measures after eye contact:** Flush thoroughly with a large amount of water and consult a Physician.
- e. First-aid measures after ingestion:** Call a physician immediately.

2. Most important symptoms and effects, both acute and delayed: No data available

3. Indication of any immediate medical attention and special treatment needed: Treat symptomatically



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SECTION V: Fire Fighting Measures

1. Extinguishing Media:

a. **Suitable extinguishing media:** Water spray, foam, dry chemical, carbon dioxide

b. **Unsuitable extinguishing media:** Full water jet.

2. **Special hazards arising from the substance or mixture:** Could be formed corrosive and irritant gases

3. **Advice for firefighters:** Wear self-contained breathing apparatus.

SECTION VI: Accidental Release Measures

1. **Personal precautions, protective equipment, and emergency procedures:** Ensure adequate ventilation and wear personal protective clothing.

2. **Environmental precautions:** Prevent product from getting into drains/surface water/groundwater.

3. **Methods and materials for containment and cleaning up:** Take up mechanically. Dispose off in accordance with regulations.

4. **Reference to other sections:** No additional information available

SECTION VII: Handling and Storage

1. **Precautions for safe handling:** Keep the container tightly closed. Ensure the area is well-ventilated. Avoid Dust formation. In the event of fire, cool the endangered Containers with water.

2. **Conditions for safe storage, including any incompatibilities:** Keep only in the original containers at a temperature not exceeding 30°C. Protect from light.

SECTION VIII: Exposure Controls

Personal protective equipment

General protective measures: Avoid contact with eyes and skin.

Hygiene measures: Store work clothes separately. Remove soiled or soaked clothes immediately. Follow the usual good standards of occupational hygiene.

Respiratory protection: Filtering half mask

Hand protection: Rubber gloves

Eye protection: Goggles



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SECTION IX: Physical and Chemical Properties

General Information:

1. **Appearance:** Liquid
2. **Colour:** White / Blue hazy
3. **Odor:** Acrylic Odor
4. **Odor threshold:** No data available
5. **pH:** 8 – 9
6. **Melting point/freezing point:** No data available
7. **Boiling point/boiling range (°C):** approx. 100°C as Water
8. **Flash point:** No data available
9. **Evaporation rate:** No data available
10. **Flammability:** No data available
11. **Lower flammability/Explosive limit:** Not determined
12. **Upper flammability/Explosive limit:** Not determined
13. **Vapour pressure:** 23 mbar as water
14. **Vapour Density:** Not determined
15. **Density:** 1058 kg/m³
16. **Relative density:** 1.058
17. **Molecular Mass:** No data available
18. **Solubility in other solvents:** No data available
19. **Partition coefficient n-octanol/water:** No data available
20. **Auto-ignition temperature:** No data available
21. **Decomposition temperature:** Not determined
22. **Viscosity, dynamic:** Not determined
23. **Viscosity, kinematic:** Not determined
24. **Explosive properties:** Not determined
25. **Oxidising properties:** No data available

SECTION X: Stability and Reactivity

1. **Thermal decomposition:** No decomposition when used as directed.
2. **Hazardous reactions:** Polymerization with heat evolution may occur in the presence of radical-forming substances (e.g., Peroxides), reducing substances, and/or heavy metal ions
3. **Hazardous decomposition products:** None when used as directed.

SECTION XI: Toxicological Information

1. Acute toxicity (oral) :

Oral: No data available

Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation :

Skin - Rabbit

Result: No skin irritation

Remarks: (External MSDS)

2. Serious eye damage/irritation :

No data available



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- 3. Respiratory or skin sensitisation:** Not classified
- 4. Germ cell mutagenicity:** Not classified
- 5. Carcinogenicity:** Not classified
- 6. Reproductive toxicity:** Not classified
- 7. STOT-single exposure:** Not classified
- 8. STOT-repeated exposure:** Not classified
- 9. Aspiration hazard:** Not classified
- 10. Additional Information:** No data available

SECTION XII: Ecological Information

- 1. Toxicity:** No data available
- 2. Persistence and degradability:** No data available
- 3. Bioaccumulative potential:** No data available
- 4. Mobility in soil:** No data available
- 5. Results of PBT and vPvB assessment:** No data available
- 6. Other adverse effects:** No data available

SECTION XIII: Disposal Considerations

Product: Waste is hazardous and, therefore, particularly to be kept under surveillance. It must be disposed of in accordance with the regulations after consultation with the competent local authorities and the disposal company in a suitable, licensed facility.

Unclaimed packing: Uncontaminated packing may be taken for recycling. Contaminated packing should be emptied optimally and after appropriate professional cleaned should be disposed of professionally.

SECTION XIV: Transport Information

Following DOT / TDG / IMDG / IATA

1. UN Number:

Not regulated for transport

2. UN proper shipping name:

Proper Shipping Name (DOT): Not applicable
Proper Shipping Name (TDG): Not applicable
Proper Shipping Name (IMDG): Not applicable
Proper Shipping Name (IATA): Not applicable

3. Transport hazard class(es):

DOT Transport hazard class(es) (DOT) : Not applicable
TDG Transport hazard class(es) (TDG) : Not applicable
IMDG Transport hazard class(es) (IMDG) : Not applicable
IATA Transport hazard class(es) (IATA) : Not applicable



4. Packing Group:

Packing group (DOT): Not applicable
Packing group (TDG): Not applicable
Packing group (IMDG): Not applicable
Packing group (IATA): Not applicable

5. Environmental Hazards:

Other information: No supplementary information available.

6. Special precautions for user:

DOT: No data available
TDG: No data available
IMDG: No data available
IATA: No data available

7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: NA

SECTION XV: Regulatory Information

1. Safety, health and environmental regulations/legislation specific for the substance or mixture: This material safety data sheet complies with the requirements of Regulation (EC) No.1907/2006.

2. Chemical Safety Assessment: For this product a chemical safety assessment was not carried out

