



Best South Enterprises Co., Ltd

Revision Date February 14, 2018

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MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND THE COMPANY

Product Name : P-125U

Chemical Name: Styrene Acrylic Copolymer Resin Emulsion

Company Information : Best South Enterprises Co., Ltd. **Emergency:** +84-274-3742426 - 27
2nd St. Song Than 1 Industrial Zone Tel: +84-274-3742426
Thuan An Hsien , Binh Duong Fax: +84-274-3742425
Province.VN Email: bestsouth-vn@hcm.vnn.vn

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Waterborne Acrylic Resin Emulsion

Concentration (%) : 45% (the other 55% is water)

3. HAZARDS IDENTIFICATION

Health effects: May cause skin irritation and dizziness
Environment effects: Will contaminate the water, and show white cloudy symptom.
Physical & Chemical Hazards : Currently unknown
Special Hazards : Currently unknown.
Main Symptoms: Skin reddish and dizziness
Hazard classification: Currently unknown

4. FIRST AID MEASURES

Skin Contact: Wash with water.
Eye Contact: Immediately flush with plenty of water for 15 minutes, and obtain medical attention if still irritating.
Inhalation Remove the patient to a place with fresh air.
Ingestion The patient should drink plenty of water immediately, and call a physician or poison control center immediately. Never give anything by mouth to or induce vomiting in person who is convulsing or unconscious.
Personal protection for the first aid person: Current unknown.

Indication for physician: Stomach wash may be required if ingestion.

5. FIRE-FIGHTING MEASURES

Extinguish media: It is not flammable in emulsion type, but the dried residue will burn after water is vaporized. Use alcohol foam, CO₂, dry chemical as extinguish media.

Special hazards may occur during fire-fighting: Currently unknown.

Special fire-fighting procedure: do not push water directly to the fire to prevent fire extension.

Protection for fire fighter: Protective clothes and gloves

6. ACCIDENTAL RELEASE MEASUREMENT

Personal precautions Use personal protective equipment if necessary. Spilled material may cause floor to be slippery. Exercise caution.

Environmental precautions : Prevent flow into drainer or river.

Methods for cleaning up : Add absorbents and shovel into drums.

7. HANDLING AND STORAGE

Handling precautions No special request.

Storage conditions Store between 5°C and 40°C and prevent to be frozen with adequate ventilation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Construction control: Close room should has ventilation system.

Control factors: TWA : -

STEL : -

Ceiling : -

LC₅₀: 100,000ppm/4H (rat, inhalation)

LD₅₀: 10,000mg/Kg (rat, ingestion)

Personal protection equipment

Respirators protection not required in a ventilation area.

Hands protection rubber or plastic gloves (depends).

Eyes protection chemical safety goggles (depends).

Skin and body protection -

Hygiene practices: Obey the operation rule and prevent unnecessary contact, be careful during handling, and wash hands after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Milky white liquid

Odor Slight

Specific gravity (water=1) 1.0 – 1.1 (20°C)

Boiling point (at 760mmHg) > 100°C
Freezing point 0°C
Solubility in water (% by wt.) 100%
Vapor pressure (at 20°C) 17 mm/Hg (20°C)

Vapor density (air=1) not applicable
pH value 6 ~ 8
Decomposition temp. -
Flashing point none -
Explosion Limited UEL : - LEL : -

10. STABILITY AND REACTIVITY

Stability Stable
Possible hazards under special condition None
Conditions to avoid None
Material to avoid Acids, Divalent metal ion
Hazardous decomposition products Not applicable

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Inhalation: slight amount of monomer's vapor will irritate the breath system.
Skin: continuous contact will make skin reddish
Eyes: irritation
Ingestion: Vomiting

12. ECOLOGICAL INFORMATION

1. Non accumulative and Bio-degradable.
2. Effluent into water will result contamination.

13. DISPOSAL CONSIDERATIONS

Incinerate in a furnace or bury in a landfill where permitted under local government regulations.

14. TRANSPORT INFORMATION

DOT classification no regulation
IATA/ICAO classification no regulation
UN number no regulation

15. REGULATORY INFORMATION

Road and traffic safety regulation.

16. OTHER INFORMATION

This information is made by Best South

The information contained in this safety data sheet is the result of the most up-to-date available in our company. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation. The user must ensure that the information is suitable and complete in relation to the specific use of the product
