

MATERIAL SAFETY DATA SHEET

Page:1.0

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product
Catalogue NO: M-31/M-41/M-51/M-51B/M-61/M-61B/M-71/M-81
Product name: PVC Impact Modifier
Manufacturer/supplier identification
Company; FORMOSA PLASTICS CORPORATION LINYUAN PLANT
Emergency telephone/FAX NO: (886)-07-6419911-563/(886)-07-6429940

2. Composition/information on ingredients

Synonyms:-
CAS-NO:
Molecular formula: $\text{CH}_2\text{C}(\text{CH}_3)\text{COOCH}_3 - \text{C}_6\text{H}_5\text{CHCH}_2 - \text{CH}_2\text{CHCHCH}_2$

3. Hazards identification

Inhalation: Thermal decomposition (above 200°C) yield the following: Hydro chloride irritate the respiratory tract.
Eye Contact: Material can cause the following: slight irritation

4. First aid measures

Primary Entry: Inhalation, Skin Contact / absorption
FIRST AID:
Eye Contact: Rinse immediately with plenty of water for at least 15 minutes and refer for medical attention.
Skin Contact: After rinsing affected area with flooding amounts of water, wash it with soap and water.
Inhalation: Remove exposed person to fresh air and support breathing as needed. Have qualified medical personnel administer oxygen as required and refer for medical attention.

5. Fire aid measures

Extinguishing Media: Use carbon dioxide (CO₂), foams, dry chemical, or water fog to put out MBS resin fires with a smothering effect.
Special Fire-fighting Procedures: 1. Wear a self-contained breathing apparatus.
2. Control the fire temperature below 250°C in order to avoid the phenomenon of MBS resin decomposition.

6. Accidental release measures

Person-related precautionary measures:
Do not inhale dust use dust mask, Ensure good ventilation and local exhaustion of the working area.
Environmental-protection measures: not applicable
Procedures for cleaning/absorption:
Sweep up and place in suitable container for waste disposal. The waste should not be incinerated. Store it in a ventilated area.

MATERIAL SAFETY DATA SHEET

Page:2.0

7. Handling and storage

Handling:

When using do not eat, drink or smoke. Wash thoroughly after handling.

Storage:

Keep away from heat, spark, and flames. Store it in a ventilated area.

8. Exposure controls/personal protection

Goggles: Wear protective eyeglass or chemical safety goggles.

Respirator: Wear a NIOSH approved filter respirators.

Ventilation: Provide local exhaust ventilation.

Storage Requirement: Store MBS resin in containers in a well-ventilated, fire proof area away from heat or ignition sources.

Exposure Limits: NO occupational exposure limits.

Occupational Spill: Shut ignition sources. For small spills, sweep up and place in a container. Afterward, flush residual spill area with copious amount of water. At that time, avoid environmental contamination. No smoking, flames or flares in hazard area. Keep unnecessary people away.

9. Physical and chemical properties

Form: powder

Color: white

Odor: odorless

PH value: not applicable

Viscosity dynamic: not applicable

Melting temperature: not applicable

Solidification point: not applicable

Boiling temperature: not applicable

Flash point: not applicable

Explosion limits: not applicable

Solubility in water: practically insoluble

Bulk Density: >0.3g/cm³

Fusion Temperature: >147°C

Volatile by weight: 1.0max

10. Stability and reactivity

Stability / Polymerization: MBS resin is stable at room temperature during routine operations. Hazardous polymerization Cannot occur.

Conditions to Avoid: Prevent exposure to heat and high temperature.

Hazardous Products of Decomposition: MBS resin can produce carbon dioxide (CO₂) and toxic carbon monoxide (CO) when operation temperature is higher than 250°C.

MATERIAL SAFETY DATA SHEET

Page:3.0

11.Toxicological information

None

12.Ecological information

None

13.Disposal considerations

Sweep up and place in suitable container for waste disposal. The waste should not be incinerated. Store it in a ventilated area.

14.Transport information

US DOT Hazard Class: NONREGULATED

15.Regulatory information

Follow all regulations in your country.

16.Other information

Reason for alteration:

General update.

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