

MATERIAL SAFETY DATA SHEET

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

Identification of the product
Catalogue NO: P-101/P-201/P-301/P-201C
Product name: PVC Processing aids
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

CAS-NO: 25322-99-0
Chemical name: MMA-Acrylic Copolymer

3. Hazards identification

Hazardous decomposition products : Carbon monoxide, carbon dioxide, and various oxidized and non-oxidized hydrocarbons.
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:
Water spray, avoid scattering burning material or create dust hazard with water stream, or dry chemicals
Special fire fighting procedures:
Avoid eye and skin contact. Do not breathe fumes. Do not inhale dust. Wear self-contained breathing apparatus approved by NIOSH. Use water spray to keep containers cool.
Unusual fire and explosion hazards:
Irritation fumes may develop when product is heated. Dust can form explosive mixtures in the air. Dust generation should be minimized. Every ignition sources such as: fire, open flame, static sparks, heated surfaces. Etc., even in closed pipelines or equipment, should be strictly prohibited. Extended exposure to high temperatures reduces the auto ignition temperature.

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:
Weep up and place in suitable container for waste disposal. Store it in a ventilated area.

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7. Handling and storage

Handling:

When using does 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: PA in containers in a well-ventilated, fireproof area away from heat or ignition sources.

Exposure Limits: No analysis.

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: $>0.40\text{g/cm}^3$

Fusion Temperature: $>175^\circ\text{C}$

Volatile by weight: 1.0max

10. Stability and reactivity

Stability / Polymerization: PA 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: PA can produce carbon dioxide (CO_2) and toxic carbon monoxide (CO) when operation temperature is higher than 250°C .

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11.Toxicological information

None

12.Ecological information

None

13.Disposal considerations

Sweep up and place in suitable container for waste disposal. Store it in a ventilated area.

14.Transport information

US DOT Hazard Class: NON-REGULATED

15.Regulatory information

Follow all regulations in your country.

16.Other information

Reason for alteration:

General update.

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