

MATERIAL SAFETY DATA SHEET

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CJA1030

SECTION 1 – GENERAL INFORMATION

Product Class: Thermoplastic Adhesive

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SECTION 11 – HAZARDOUS INGREDIENTS

	CAS#	CONCENTRATION (ppm)	OSHA PEL (ppm)	ACGIH TLV (ppm)
Vinyl acetate monomer	108-05-45	≤10	10	10

SECTION 111 – PHYSICAL DATA

Melting Point: N/A

Boiling Point: N/A

VOC: ≤10g/L

Water Solubility: Negligible

Form: At room temperature solid blocks, pellets or slugs

Moisture Content: ≤0.5%

Odor: Mild ester odor

SECTION 1V – FIRE AND EXPLOSION HAZARD DATA

Flashpoint: >250°C (<482°F) COC

Fire and Explosion Hazards: None known

Hazardous Combustion Products: Like most organic products, it may form carbonmonoxide, -dioxide, and other byproducts.

Extinguishing Media: Water fog, carbon dioxide, foam, dry chemicals.

Special Firefighting Procedures: Do not use water to extinguish fire at temperatures above 220°C (430F). Material may foam and sputter. Wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus if exposed to fumes.

SECTION V – REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Do not heat above 220°C (430F) for prolonged time

Materials to Avoid: None known

Hazardous Decomposition and Byproducts: Like most organic materials it may form carbon monoxide, dioxide and others.

Hazardous Polymerization: Will not occur

SECTION VI – HEALTH HAZARD DATA

Route(s) of Entry:

- *Inhalation:* Of vapors of molten materials
- *Skin:* N/A
- *Ingestion:* Very unlikely

Health Hazards (Acute and Chronic): None known

Carcinogenicity:

- NTP: Not listed
- IARC: Not listed
- OSHA: Not regulated

Signs and Symptoms of Overexposure:

- *Eyes:* Vapors and fumes may cause irritation.
- *Skin:* No known effects.
- *Inhalation:* Vapors and fumes may cause irritation to the nose throat, and respiratory tract.
- *Chronic:* None known.
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Medical Conditions Generally Aggravated by Exposure: None known

Emergency and First Aid Procedures:

- *Eyes:* Flush with plenty of water. If irritation appears, consult physician.
- *Skin:* If irritation appears flush with plenty of soap and water; in case of contact with molten material Flush with plenty of cold water; do not attempt to remove solidified material. Consult a physician for burn treatment.
- *Inhalation:* Remove to fresh air. If breathing stops administer respiration or oxygen. Call a physician.
- *Ingestion:* Induce vomiting after drinking two glasses of water; consult a physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Pellets or solid material; sweep area immediately and dispose of contaminated material accordingly.

Molten Material: Allow to cool and solidify then remove.

Waste Disposal Method: Dispose of as solid waste in compliance with federal, state and local regulations for non-hazardous substances.

Precautions to be Taken in Handling and Storage: Store in dry, clean and cool area. Avoid temperatures above 50°C (120F) to prevent material from blocking.

Other Precautions: Normal usage involves hot, molten adhesive which can cause severe burns; handle with care.

SECTION VIII – CONTROL MEASURES

Respiratory – Protection: No special requirement under ordinary conditions of use when adequate ventilation is provided.

Local Exhaust: Recommended to remove vapors when processing material.

Protective Gloves: Recommended to wear heat protective gloves when handling adhesive.

Eye Protection: Safety glasses or better recommended.

Other Protective Clothing or Equipment: Protective apron, long sleeve and safety shower when processing material-recommended.

Work/Hygiene Practices. Use good hygiene and housekeeping practice.

SECTION IX – REGULATORY INFORMATION

HMIS-RATING: Health-1 Flammability-1 Reactivity-0

DOT Proper Shipping Name: Not a regulated material.

TSCA STATUS: All components of this material are registered under the regulation of the Toxic Substances Control Act.

SARA Section 313 listed ingredients: Vinyl Acetate Monomer (108-05-4).