

MSDS SHEET – HOT MELT ADHESIVES (PELLETS / CARTRIDGES)

Product Information

Edgemate Hot Melt Adhesives
Product class: Thermoplastic Adhesive

Section I – General Information

Manufacturer: Jowat Corporation
6058 Lois Lane
Archdale NC 27263

Emergency Phone Numbers: Edgemate Pa 800-458-3761
Edgemate Wa 888-307-2150
Jowat tech. 800-424-9300

Date Prepared: 11/08/99 Date issued: 9/1/2005
Prepared by: G. Hass

Section II – Hazardous Ingredients

	CAS#	Concentration (ppm)	OSHA PEL (ppm)	ACGIH TLV (ppm)
Vinyl acetate monomer	108-05-4	≤ 10	10	10

Section III – Physical Data

Melting Point: N/A Boiling Point: N/A
Voc: ≤ 10g/L Moisture Content: ≤ 0.5%
Water Solubility: negligible Odor: mild ester odor
Form: at room temperature solid blocks, pellets or slugs

Section IV – Fire and Explosion Hazard Data

Flashpoint: >250°C (>482°F) COC.
Fire and Explosion Hazards: None known to Jowat Corporation
Hazardous Combustion Products: Like most organic products it may form carbon monoxide, -dioxide, and other byproducts.

Extinguishing Media: Water fog, carbondioxide, foam, dry chemical

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 to Jowat Corporation.

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

Routes(s) of Entry:

- INHALATION: of vapors of molten materials
- INGESTION: very unlikely
- SKIN: N/A

Health Hazards (Acute and Chronic): None known to Jowat Corporation

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 of the nose, throat, and respiratory – tract.
- Chronic: None known to Jowat Corporation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known to Jowat Corporation.

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.
- 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 adhesives.

EYE PROTECTION: Safety glasses or better recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Protective apron, long sleeve and safety shower when processing material – recommended.

WORK/HYGIENIC PRACTICES: Use good hygiene and housekeeping practice.

Section IX – Regulatory Information

HMIS – RATING: HEALTH -1

FLAMMABILITY-1

REACTIVITY-0

WHMIS CLASS: Not controlled

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.