**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**

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Concentration (ppm)</th>
<th>OSHA PEL (ppm)</th>
<th>ACGIH TLV (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-05-4</td>
<td>≤ 10</td>
<td>10</td>
<td>10</td>
</tr>
</tbody>
</table>

**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, carbon dioxide, 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.