

Product Information

MSDS 03

JOWASTIC 269.00-10; 269.10-02; 269.10-03; 269.10-10; 269.20-02; 269.20-03; 269.20-10; 269.20-11; 269.25-10; 269.30-04; 269.60-03

JOWAT CLEANER 930.00; 930.30; 930.34; 930.70; 930.74

JOWAT ClearMelt 280.90

JOWATHERM 213.00; 250.10; 250.30; 250.50; 251.30; 251.40; 251.70; 252.00; 252.10; 252.70; 253.20; 253.50; 253.60; 255.10; 257.00; 257.20; 257.70; 258.50; 258.70; 259.00; 259.10; 259.15; 259.19; 259.20; 259.25; 259.29; 259.30; 261.40; 261.60; 261.64; 266.00; 267.30; 270.00; 270.10; 271.00; 271.50; 271.59; 272.00; 274.00; 280.00; 280.10; 280.30; 280.31; 280.36; 280.39; 280.40; 280.50; 280.95; 280.96; 281.20; 281.21; 281.40; 281.50; 281.51; 281.52; 282.20; 282.30; 285.00; 285.02; 285.30; 285.31; 285.32; 285.33; 285.60; 285.61; 285.62; 285.63; 286.00; 286.01; 286.02; 286.03; 286.10; 286.30; 286.50; 286.51; 286.52; 286.53; 286.60; 286.61; 286.62; 286.63; 286.70; 286.71; 286.72; 286.73; 286.80; 286.81; 286.82; 286.83; 287.01; 287.02; 287.03; 287.60; 287.61; 287.62; 287.63; 288.40; 288.41; 288.42; 288.43; 288.50; 288.51; 288.52; 288.60; 288.61; 288.62; 288.63; 288.70; 288.71; 288.82; 288.90; 288.91; 288.92; 288.93; 290.00; 290.10; 290.20; 290.30; 290.31; 290.32; 290.50; 290.60; 290.80; 291.00; 291.20; 291.30; 291.45; 291.40; 291.60; 291.80; 291.82; 292.35; 293.00; 295.31; 295.32; 295.33; 295.80; 295.89; 296.30; 296.31; 296.70; 296.71; 297.10; 297.11; 297.12; 297.20; 297.22; 297.23; 297.60; 297.70; 297.80; 297.81; 299.75; 299.90; 60 214.30; 60 252.10; 60 253.20; 60 253.40; 60 253.50; 60 255.00; 60 256.50; 60 258.50; 60 261.40; 60 261.60; 60 261.69; 60 266.00; 60 267.30; 60 270.30; 60 280.00; 60 280.30; 60 280.36; 60 280.80; 60 280.90; 60 286.30; 60 287.00; 60 287.01; 60 288.40; 60 288.42; 60 290.00; 60 291.00; 60 291.25; 60 291.40; 60 291.85; 60 291.89; 60 293.00; 60 296.30; 60 296.32; 60 297.12; 60 297.20; 60 297.60; 60 297.70; 60 297.80; 60 297.81; 60 606.80; 61 252.10; 61 253.50; 61 255.00; 61 255.08; 61 258.50; 61 261.60; 61 266.00; 61 267.30; 61 280.00; 61 280.30; 61 287.00; 61 288.90; 61 291.80; 61 291.89; 61 293.00; 61 296.30; 61 297.10; 61 297.12; 61 297.69; 61 297.70; 61 297.80; 62 240.00; 62 255.00; 62 280.00; 62 297.79; 63 240.00; 63 258.50; 63 297.70; 64 297.70; 65 255.00; 65 258.50; 65 261.40; 65 261.60; 65 261.69; 65 291.40; 65 297.70; 66 255.00; 66 261.40; 66 261.60; 66 297.70; 66 291.45; 67 255.00; 67 261.40; 67 261.60; 67 297.70; 68.255.00; 68 261.40; 69 261.40; 70 255.00; 70 261.40; 70 297.80; 80 255.00; EXP 002 104; EXP 008 024; EXP 008 025; EXP 041 250; EXP 104 011; EXP 137 002; EXP 137 009; EXP 143 029; EXP 159 005; EXP 159 008; EXP 179 001; EXP 196 001; EXP 196 002; EXP 196 003; EXP 202 001; EXP 203 001; EXP 204 004

Product class: THERMOPLASTIC ADHESIVE

Section I - General Information

Manufacturer: **Jowat Corporation**
6058 Lois Lane
Archdale NC 27263

Emergency Phone Numbers: **1 800 424 9300 (Chemtrec 24 Hours)**
Information Telephone Number: **336 434 9000**

Date Prepared: 11/08/99
Prepared by: G. Haas

Date Issued: 9/30/2009

Date Reviewed: 08/23/2007

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

VOC: $\leq 10\text{g/L}$

WATER SOLUBILITY: negligible

FORM: at room temperature solid blocks, pellets or slugs

BOILING POINT: N/A

MOISTURE CONTENT: $\leq 0.5\%$

ODOR: mild ester odor

Section IV - Fire and Explosion Hazard Data

FLASHPOINT: $>250^{\circ}\text{C}$ ($>482^{\circ}\text{F}$) 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

ROUTE(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.
- *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/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.

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

Section X – Other Information

These data are based on our present state of information. They shall, however, not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. All standard industrial precautions apply, concerning protection of health, and safe handling. The recommendations have to be examined in the context of the application for which the product is intended, and observed as necessary.