

Product Information

MSDS 018

JOWAT 405.20; 405.30; 405.40; 405.50; 405.60; 405.80; 405.90; 405.95

Product class: CYANOACRYLATE

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: 10/13/00 Date Issued: 3/24/2009 Date Reviewed: 03/19/2009

Prepared by: G. Haas

Section II - Hazardous Ingredients

	CAS#	CONCENTRATION	OSHA PEL [ppm]	ACGIH TLV [ppm]
Ethyl Cyanoacrylate Monomer	7085-85-0	95.6-95.8	None	None
Polymethyl Methacrylate	9011-14-7	≤ 4	N/A	N/A
Hydroquinone	123-31-9	≤ 1	2	2

Section III - Physical Data

BOILING POINT: at 6 mmHg - 149F
VAPOR PRESSURE: at 68F - 0.05 mmHg
VAPOR DENSITY: 4.5
SPECIFIC GRAVITY: 1.05
MELTING POINT: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: insoluble (polymerized by water)
APPEARANCE AND ODOR: transparent, irritating odor

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): 185F (TCC)
FLAMMABLE LIMITS: not determined
LEL- N/A
UEL - N/A
EXTINGUISHING MEDIA: Flush with large quantities of water or dry chemical. Polymerization will not be hazardous.
SPECIAL FIRE FIGHTING PROCEDURES: To prevent a possible health hazard, wear a self-contained breathing apparatus over exposure of decomposed products.
UNUSUAL FIRE AND EXPLOSION HAZARDS: none

Section V - Reactivity Data

UNSTABLE: (CONDITIONS TO AVOID): Above 90F heat, moisture, direct sunlight.

STABLE: 10F - 45F, store in cool area, no direct sunlight.

INCOMPATIBILITY (MATERIALS TO AVOID): Polymerized by water, alcohols, amines and alkaline substances.

HAZARDOUS DECOMPOSITION BYPRODUCTS: Carbon dioxide, oxides of nitrogen, and other unknown hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

Section VI - Health Hazard Data

ROUTE(S) OF ENTRY:

Inhalation : yes

Skin : yes

Ingestion: yes

HEALTH HAZARDS (ACUTE AND CHRONIC):

Caution: Immediate bonding of skin, eyes or mouth may result upon contact. Vapors are irritating to mucous membranes and the upper respiratory tract.

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

EMERGENCY AND FIRST AID PROCEDURES:

Skin: Flush with plenty of water. Remove cured adhesive with warm water.

Eyes: Hold lid open and immediately flush with plenty of water. Get medical attention immediately.

Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: For small spills – wipe up with cloth. Immediately soak cloth in water to polymerize adhesive. Caution: Cloth containing adhesive may undergo auto-ignition if not soaked with water. For larger spills – flood area with water. When cured, remove cured film. Cured film is not corrosive. Clean up personnel should wear safety glasses.

WASTE DISPOSAL METHOD: Do not pour down the drain. Follow federal, state and local environmental regulations. Dump as chemical waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid unnecessary exposure to air and moisture. Do not store above 90F and in direct sunlight. Keep container lids tightly closed.

OTHER PRECAUTIONS: Avoid contact with skin and eyes. Protect eyes, skin and clothing from contact with liquid product. Wear recommended protective equipment. Avoid inhalation of vapors.

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: Polyethylene gloves. Do not use cotton/cloth gloves.

EYE PROTECTION: Safety glasses or better recommended.

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

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

Section IX – Regulatory Information

HMIS – RATING: HEALTH – 2 FLAMMABILITY – 2 REACTIVITY – 1

DOT PROPER SHIPPING NAME: Unrestricted (not more than 450 liters) combustible liquids n. o. s. (more than 450 liters).

TSCA STATUS: All components of this material are registered under the regulation of the toxic substances control act.

CA PROPOSITION 65: No Proposition 65 chemicals known to be present.

Section 313 Title 3 (SARA) and 40 CFR 372: Hydroquinone

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.