

MF PAINTS INC.

MATERIAL SAFETY DATA SHEET

SECTION 1

GENERAL INFORMATION

Manufacturer:

MF PAINTS inc.
1605 Dagenais West

TDG PIN: UN 1263
Class: 3

Product name: **Methyl hydrate**
Use: Shellac thinner and cleaner

Laval, Quebec, H7L 5A3

Packing group: II

Product code: **401**

IN CASE OF EMERGENCY, CONTACT ANTI-POISON CENTER

SIMDUT: B2, D1A, D2B

SECTION 2

HAZARDOUS INGREDIENTS

Component:	%	CAS No.	LD 50 Species/ Route	LC 50 Species/ Route
Methanol	99.85	000067561	(Oral/Rat) 6200 mg/ kg (Skin/Rabbit) 15800 mg / kg	(Inhalation/Rat) 64000 ppm (4 hours)

SECTION 3

PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20°C: Liquid

Odour: Alcohol

Freezing/ melting point: -97.8

Volatile by weight (%): 100

Colour: Colourless

Boiling point: 64.5

Density (G /ML): 0.7915

Evaporation rate (n-butyl acetate=1): 5.9

Solubility in water: Miscible

Vapour pressure (mm of Hg): 97.0

Vapour density (air=1): 1.1

SECTION 4

FIRE OR EXPLOSION RISK

Flammability: Yes, if exposed to any source of ignition.

Auto-ignition temperature: 464°C

Combustion products: Carbon monoxide, carbon dioxide, formaldehyde.

Extinguishing media: Carbon dioxide, dry chemicals, water spray, and alcohol foam. Water may be ineffective. Use large amounts of water. Do not use streams of water.

Special fire procedures: Wear a self-contained breathing apparatus and protective clothing. Cool exposed-containers with water spray. Move containers from fire area if you can do it without risk. Keep upwind. Vapours may flash back. Vapours form explosive mixture with air. Explosive reaction with zinc diethyl.

Flash point: Closed cup: 11.1

Open cup: 16.11

Flammable limits: Lower: 6.0

Upper: 36.5

SECTION 5

REACTIVITY

Stability: Yes

Reactivity: n/a

Decomposition products: Thermal: carbon oxides, formaldehyde.

Incompatibility: Yes, with strong oxidizing agents: reaction may be violent; alkanoterreous metals: Forms hydrogen; Alkylaluminum solutions, phosphorus trioxide, cyanuric chloride: violent reaction; nitrides: forms ammonia; isocyanates; potassium tert-butoxide; zinc diethyl.

SECTION 6

TOXICOLOGICAL PROPERTIES

TOXIC EFFECTS:

Inhalation: Vapours exposure: irritation of upper respiratory tract.

skin: possible irritation.

Ingestion: Mild central nervous system depression followed by an asymptomatic latency period that may last generally 12 to 24 hours; metabolic acidosis takes place and gives way to the onset of headache, dizziness, nausea, vomiting, abdominal pain, difficult breathing, coma and death (usually from respiratory failure); in parallel we observe visual disturbances (blurred vision, altered visual fields, impairment of the pupillary reflex, possibility of permanent loss of vision).

Eyes: Vapour exposure: irritation.

CHRONIC EFFECTS: Dermatitis (degreasing action on the skin); possibility of headache, dizziness, digestive disturbances, insomnia, visual disturbances.

TOXICOLOGICAL DATA:

Time-weighted average exposure value: (ppm) 200 (Mg/ m3) 262

Carcinogenicity: Insufficient data for evaluation

Mutagenicity: Insufficient data for evaluation.

Teratogenicity: Insufficient data for evaluation.

Reproduction system effects: Passes through the placental barrier in animals. Detected in maternal milk in humans.

SECTION 7

PREVENTION

Gloves: Nitrile, viton, rubber, neoprene; if needed.

Equipment and clothing: Apron, face shield.

Ventilation: Ventilate properly, otherwise wear an appropriate breathing apparatus.

Leak or accident: Eliminate all sources of ignition. Reduce vapours with water spray. Absorb with paper, sand or sawdust.

Waste disposal: Incinerate outside the workplace. Refer to the regional office of the environmental ministry.

Handling: Wear eye protection and avoid all skin contact. Handle away from source of ignition. Equipment must be grounded. Use non-metallic tools. Contact lenses should not be worn when working with this product. Do not smoke when handle.

Storage: Store in a cool, dry and well-ventilated area. Store away from all sources of heat, ignition and incompatible materials. Store in a tightly sealed container. Containers must be grounded.

SECTION 8

FIRST AID

Breathing: If discomfort by vapours, move to a ventilated area. If breathing has stopped, administer artificial respiration, give oxygen, keep warm and call a physician.

Skin contact: Remove contaminated clothes promptly. If irritation persists, consult a physician.

Eyes contact: Flush eyes and contaminated skin with abundant water. If irritation persists, consult a physician.

Ingestion: Induce vomiting when conscious. Call a physician.

SECTION 9

PREPARATION INFORMATION

We believe that the information given above is up to date at the preparation date of this toxicological index. Because the handling of these informations is not upon the control of this company, the users have the full responsibility to determine the conditions to properly and safely use this product.

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Preparation date: **April 2015**

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Poison Centre 1-800-463-5060