

MF Paints INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 GENERAL INFORMATION

Manufacturer: **MF PAINTS inc.**
1605 Dagenais West
Laval, Quebec, H7L 5A3
IN CASE OF EMERGENCY, CONTACT ANTI-POISON CENTER

TDG PIN: UN 1263
Class: 3
Packing group: III
SIMDUT: B3

Product name: **ISO-THANE**
Use: Varnish
Product code: **520**

SECTION 2 HAZARDOUS INGREDIENTS

| Component: | % | CAS No. | LD 50 Species/ Route | LC 50 Species/ Route |
|------------------|-------|-----------|---|--|
| Standard solvent | 49-51 | 008052413 | (Oral-rat) > 5000 mg/kg (Skin-rabbit): >3000 mg/kg | (Inhalation- rat) > 5.50 mg/L (4 hour) |

SECTION 3 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20°C: Liquid
Colour: Clear yellow
Solubility in water: Insoluble
Odour: Kerosene-like
Boiling point: 156.67°C
Vapour pressure (mm of Hg): 2.0
Freezing/ melting point: < -40.0
Density (G /ML): 0.9 - 1.0
Vapour density (air=1): 5.0
Volatile by weight (%): 49-51
Evaporation rate (n-butyl acetate=1): <1.0

SECTION 4 FIRE OR EXPLOSION RISK

Flammability: Yes, if moderately heated and exposed to any source of ignition. Flash point: Closed cup: >37.8°C to 60°C Open cup: N.A.
Auto-ignition temperature: >210°C. May ignite on contact with strong oxidizing agents. Flammable limits: Lower: 0.8 Upper: 5.0
Combustion products: Carbon oxides
Extinguishing media: Carbon dioxide, foam, and dry chemicals. Use of water may contribute to spread fire.
Special fire procedures: Wear a self-contained breathing apparatus and adequate protective clothing. Cool fire exposed containers with a water fog. Vapours form explosive mixture with air. Might explode when is in contact with strong oxidants.

SECTION 5 REACTIVITY

Stability: Yes
Reactivity: Not applicable
Incompatibility: Yes, with strong agents such as oxygen and liquid chlorine.
Decomposition products: Not available

SECTION 6 TOXICOLOGICAL PROPERTIES

TOXIC EFFECTS:

Inhalation: Vapour exposure: irritation of the eyes and upper respiratory tract. Inhalation: depression of the central nervous system (headaches, nausea, dizziness)
skin: Possible irritation.

Ingestion: Loss of consciousness, death, and pulmonary aspiration: pulmonary irritation (oedema, possible death)

Eyes: Possible irritation.

CHRONIC EFFECTS: Defeating action (drying and cracking of the skin); inhalation: psycho-organic syndrome (fatigue, memory loss, increase in reaction time); severe intoxication: possibility of anaemia with animals. Inhalation: possibility of upper respiratory tract, lungs and kidneys damage.

TOXICOLOGICAL DATA:

Time-weighted average exposure value: (ppm) 100.00 (mg / m³): 525.00

Mutagenicity: Absence of effect suggested by one study.

Reproduction system effects: No data concerning excretion or detection in milk.

Carcinogenicity: No data

Teratogenicity: Absence of effect suggested by one study

Other effect:

SECTION 7 PREVENTION

Gloves: Neoprene gloves

Equipment and clothing: Appropriate protective clothing.

Ventilation: Keep ventilated to keep the concentration of vapours lower to the limits.

Breathing protection: If needed, breathing apparatus with organic vapour cartridge, self-contained or supplied-air breathing apparatus.

Leaks or accidents: Eliminate all sources of ignition. Ventilate. Absorb with paper, sand or sawdust. Place in a tightly sealed container.

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

Handling and storage: Avoid all skin contact. Wear eye protection. Handle away from sources of ignition. Equipment must be grounded. Store in a tightly sealed container, in a dry area. Store away for all sources of heat and ignition. Store in a well-ventilated area. Store in a cool area, away from incompatible materials. Attacks some forms of plastics, rubber, coatings.

Foot wear:

Eyes protection : Splash-proof safety goggles

SECTION 8 FIRST AID

Breathing: If discomfort by vapours or dusts, move to a ventilated area. If breathing has stopped, administer artificial respiration. Call a physician.

Skin contact: Rinse skin with soap and water.

Eyes contact: Slush eyes with abundant water.

Ingestion: In case of ingestion, do not induce vomiting. Call a physician. Remove contaminated clothes promptly.

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.

Manager: **Richard St-Onge**

Preparation date: **April 2016** Phone: **(450) 628-3831** **Poison Centre 1-800-463-5060**