

MF PAINTS INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 GENERAL INFORMATION

Manufacturier: **MF PAINTS inc.**
1605 Dagenais West
Laval, Quebec, H7L 5A3

TDG PIN: UN 1263
Class: 3

Product name: **ISO-THANE**
Use: **Varnish**
Product code: **550**

IN CASE OF EMERGENCY, CONTACT ANTI-POISON CENTER

Packing group: III
SIMDUT: B3, D2A

SECTION 2 HAZARDOUS INGREDIENTS

| Component | CAS No. | % |
|------------------------------|-----------|-------|
| Stodard solvent | 8052-41-3 | 20-25 |
| Octamethylcyclotétrasiloxane | 556-67-2 | 15-30 |



SECTION 3 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20°C: Liquid
Odour: Kerosene-like
Freezing/ melting point: < -40.0
Volatile by weight (%): 49-51

Colour: Clear yellow
Boiling point: 156.67°C
Density (G /ML): 0.9 - 1.0
Evaporation rate (n-butyl acetate=1): <1.0

Solubility in water: Insoluble
Vapour pressure (mm of Hg): 2.0
Vapour density (air=1): 5.0

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 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

Carcinogenicity: No data

Mutagenicity: Absence of effect suggested by one study.

Teratogenicity: Absence of effect suggested by one study

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

Other effect:

SECTION 7 PREVENTION

Gloves: Neoprene gloves

Foot wear:

Equipment and clothing: Appropriate protective clothing.

Eyes protection : Splash-proof safety goggles

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.

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.

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Preparation date: February 2016 Phone: (450) 628-3831

Poison Centre 1-800-463-5060