

MF PAINTS INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 GENERAL INFORMATION

Manufacturer: MF PAINTS inc. TDG PIN: UN 1263 Product name: **ISO-RUST**
1605 Dagenais West Class: 3 Use: anti-rust paint
Laval, Quebec, H7L 5A3 Packing group: III Product code: **4100**
IN CASE OF EMERGENCY, CONTACT ANTI-POISON CENTRE SIMDUT: B3

SECTION 2 HAZARDOUS INGREDIENTS

Component:	%	CAS No.	LD 50 Species/ Route	LC 50 Species/ Route
Standard solvent	37-51	008052413	(Skin-rabbit): >3000 mg/kg (Oral-rat) > 5000 mg/kg	(Inhalation- rat) > 5.50 mg/ L (4 hour)

SECTION 3 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20°C: Liquid Colour: related to the product 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- 1.2 Vapour density (air=1): 5.0
Volatile by weight (%): 37-51 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: 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: irritation of the upper respiratory tract. Depression of the central nervous system (headaches, nausea, dizziness)
Skin:
Ingestion: Loss of consciousness, death, and pulmonary aspiration: pulmonary irritation (oedema, possible death)
Eyes: Vapours exposed: possible irritation.
CHRONIC EFFECTS: Defaulting action (drying and cracking of the skin); inhalation: psycho-organic syndrome (fatigue, memory loss, increase in reaction time); severe intoxication: possibility of aphasic anaemia; in 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 Cancerogenicity: 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.
Leaks or accidents: Absorb with inert materials. Place in an appropriate recycled container.
Waste disposal: Recycle if possible. 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. Store away from humidity and in a well ventilated area. Store away for all sources of heat and ignition. 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. Take off clothing that is too tight. If breathing has stopped, administer artificial respiration. Call a physician.
Skin contact: Remove contaminated clothes promptly and protect your hands and skin. If there was a skin contact, rinse skin with non-abrasive soap and water.
Eyes contact: No known effects when eyes contact. Rinse eyes with water for a couple of minutes.
Ingestion: In case of ingestion, do not induce vomiting. Call a physician. Do not make the person ingest anything.

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 this information 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.