

PEINTURES MF INC.

MATERIAL SAFETY DATA SHEET

SECTION 1 GENERAL INFORMATION

Manufacturer: MF PAINTS inc. TDG PIN: UN 1263 Product name: **Anti-Rust Primer**
1605 Dagenais ouest Class: 3 Use: Paint
Laval, Quebec, H7L 5A3 Packing group: III **Product code: 4350**
IN CASE OF EMERGENCY, CONTACT ANTI-POISON CENTER SIMDUT: B2, D1A

SECTION 2 HAZARDOUS INGREDIENTS

Component:	%	CAS No.	LD 50 Species/ Route	LC 50 Species/ Route
Toluol	10-30	108-88-3	(Oral-rat) 6.52 mg/kg (Skin-rabbit) 12.21 mg/kg	(Inhalation-rat) 8000 ppm(Inhalation-mouse) 7524 pp
Methyl ethyl ketone	1-10	78-93-3	(Oral-rat) 2737 mg/kg(Oral-mouse) 4050 mg/kg	(Inhalation-rat)11700
Methanol	1-10	67-56-1	(Oral-rat) 6200 mg/kg(Oral-mouse) 7300 mg/kg	(Inhalation-rat)64000
Mineral spirit	10-30	64742-88-7	(Oral-rat) 6.52 mg/kg(Skin rabbit) 12.21	(Inhalation-rat)51000
Methyl alcohol	1-10	108-10-1	(Oral-rat) 2080 mg/kg Skin rabbit) 12.21	(Inhalation-rat)23300

SECTION 3 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20°C: Liquid Colour: Grey Solubility in water: n/a
Odour: ketone Boiling point: n/a Vapour pressure (mm of Hg): n/a
Freezing/ melting point: n/a Density (G /ML): 1.105 ó 1.155 Vapour density (air=1): n/a
Volatile by weight (%): 100 Evaporation rate (n-butyl acetate=1): 0.10

SECTION 4 FIRE OR EXPLOSION RISK

Flammability: Yes, if exposed to any source of ignition. Flash point: Closed cup: -5°C Open cup: n/d
Auto-ignition temperature: n/d Flammable limits: Lower: 5.5% Upper: 36.5%
Combustion products: Carbon dioxide, carbon monoxide and formaldehyde.
Extinguishing media: Carbon dioxide, dry chemicals, water spray, foam. Note: water may be ineffective as extinguishing agent but may be used to cool fore-exposed containers.
Special fire procedures: Vapours form explosive mixture with air. Explosive reaction with zinc diethyl. Wear a self-contained breathing apparatus and appropriate 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.

SECTION 5 REACTIVITY

Stability: Yes Reactivity: No
Incompatibility: strong oxidants agents form explosive mixture with uranium hexafluorure, sulphuric acids, nitric acids, azotes tetryxide, silver perchlorate or brome trifluorure. Violent reaction with strong oxidants, chlorure hydrocarbures and nitrides. Forms ammonia with isocyanates.
Decomposition products: Carbon monoxide, carbon dioxide, formaldehyde and carbon oxides.

SECTION 6 TOXICOLOGICAL PROPERTIES

TOXIC EFFECTS:
Inhalation: Vapours: irritation of the respiratory tract, tearing, central nervous system depression (headaches, insomnia, narcoses, confusion, muscular weakness, uncoordinated. Severe intoxication: mmydriase, lacrimation, nose leaking, metallic taste, nausea, euphoria, dizziness, paresthesia, visual hallucinations, loss of consciousness, possible death.
skin: Possible irritation of the skin.
Ingestion: Possible pulmonary aspiration
Eyes: Possible irritation of the eyes
CHRONIC EFFECTS: Inhalation or ingestion: insomnia, nervousness, confusion, loss of memory, concentration problem, affects scent, hearing and talking., psychological dependance, ataxia, shaking, nystagmus, reduce vision, possible hepatotoxicity, nephrotoxicity and hematoxicity. Skin: dermatosis (degreasing action)
TOXICOLOGICAL DATA:
Time-weighted average exposure value: n/d Cancerogenicity: Many studies suggest the absence of effects.
Mutagenicity: Insufficient data for evaluation. Teratogenicity: Embryotoxic and/or foetotoxic in animals.
Reproduction system effects: Passes through the placental barrier in animals. Detected in maternal milk in humans.

SECTION 7 PREVENTION

Gloves: Viton or polyvinyl alcohol. Foot wear:
Equipment and clothing: Wear adequate protective clothing. Eyes protection : Goggles against splashing.
Ventilation: Ventilate adequately, otherwise wear an appropriate breathing apparatus Breathing protection: If needed; wear a self-contained apparatus with organic vapour cartridge.
Leaks or accident: Eliminate all sources of ignition. Reduce the concentration of vapours with water spray. Absorb with paper, sand or sawdust. Place in a tightly sealed container.
Waste disposal: Refer to the regional office of the environmental ministry.
Handling and storage: wear eyes protection and avoid all skin contact. Use non-metallic tools. Contact lenses should not be worn when working with this product. Do not smoke when handle. Equipment must be grounded. Handle away from all sources of ignition. Store in a hermetic recipient, away from all sources of heat and ignition. Store in a well-ventilated area.

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: Remove promptly contaminated clothes. Wash skin with soap and water.
Eyes contact: Flush eyes with abundant water and consult a physician.
Ingestion: Do not induce vomiting. Consult 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 are 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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