MF PAINT INC. MATERIAL SAFETY DATA SHEET

SECTION 1 GENERAL INFORMATION

Manufacturer: MF PAINTS inc. TDG: Not regulated **Product name: Portico**

1605 Dagenais West Use: Paint

Laval, Quebec, H7L 5A3 Product code: 240

IN CASE OF EMERGENCY, CONTACT ANTI-POISON CENTER SIMDUT: D2A, D2B

SECTION 2 HAZARDOUS INGREDIENTS

Component: % CAS No. LD 50 Species/ Route LC 50 Species/Route 1.0 ± 2.0 Ethylene Glycol 107-21-1 4700 mg/Kg(Oral-rat) 9530 mg/Kg (Skin-rabbit) N/A Diethylene glycol $0.5 ilde{ ilde{0}} 1.0$ 112-34-5 2400 mg/Kg (mouse-oral) 2700 mg/Kg (Skin ó rabbit) N/A mono butyl ether

SECTION 3 PHYSICAL AND CHEMICAL PROPERTIES

Physical state at 20°C: liquid

Odour: odourless

Boiling point: 197-.6°C

Vapour pressure (mm of Hg): 0.06

Freezing/ melting point: -13°C

Density (G/ML): 1.1135

Solubility in water: miscible

Vapour pressure (mm of Hg): 0.06

Vapour density (air=1): 2.14

Volatile by weight (%): 47-50 Evaporation rate (n-butyl acetate=1): not applicable

SECTION 4 FIRE OR EXPLOSION RISK

Flammability: yes Flash point: Closed cup: N.A. Open cup: n/a
Auto-ignition temperature: 398°C Flammable limits: Lower: 3.2 to 25°C Upper: 15.3% to 25°C

Combustion products: carbon monoxide and carbon dioxide.

Extinguishing media: Carbon dioxide, dry chemical, foam and water fog.

Special fire procedures: Wear full protective equipment including a self-contained breathing apparatus. Toxic gases liberated under fire conditions. Cool down exposed containers

with pulverised water.

SECTION 5 REACTIVITY

Stability: Yes Reactivity: under excessive heat

Incompatibility: yes, with oxidizing agents and zinc. Do not store in aluminium recipients.

Decomposition products: Thermal decomposition (500-600°C): carbon monoxide, carbon dioxide and acetaldehyde.

SECTION 6 TOXICOLOGICAL PROPERTIES

TOXIC EFFECTS:

Inhalation: Ethylene glycol can be absorb by respiratory tracts. Mist can irritate and dust can irritate respiratory tract.

skin: Not absorbed by skin.

Ingestion: absorbtion by ingestion is well known, many cases of voluntary or unvoluntary accidental ingestions have been reported.

CHRONIC EFFECTS: None TOXICOLOGICAL DATA:

Time-weighted average exposure value: no data

Cancerogenicity: negative.

Mutagenicity: no data

Teratogenicity: studies suggest the absence of effects.

Reproduction system effects: Results of test in animals have been negative. Other effect:

SECTION 7 PREVENTION

Gloves: wear impervious rubber gloves. Foot wear: N.A.

Ventilation: control airborne concentrations below the exposure guideline.

Breathing protection: when respiratory equipment is required, use an NIOSH approved air purifying

Leak or accident: Eliminate all ignition sources, Absorb with paper, sand or sawdust. Keep in a sealed container.

Waste disposal: Consult the regional office of the ministry of Environment.

Handling and storage: ventilated as required or wear an appropriate respiratory equipment. Protect your eyes. Avoid contact with eyes. Store in a well ventilated area, away from oxyding materials.

SECTION 8 FIRST AID

Breathing: Remove to fresh air and seek medical attention if irritation occurs.

Skin contact: Wash off in flowing water or shower.

Eyes contact: Flush eyes with abundant water. If the irritation persists, contact a physician.

Ingestion: Rince mouth with water. Drink water than induce vomiting if the person is conscious. Contact a physician. Never give an unconscious person something to drink.

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.

Manager: Richard St-Onge Preparation date: November 2015 Phone: (450) 628-3831 Poison Centre 1-800-463-5060