

FROM : Tilano Fresco

PHONE NO. : 866 877 4031

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61454-1029

Tilano Fresco™

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Tilano Medium™ PRODUCT IDENTIFIER: Medium
water-based coating.
WHMIS INFO.: D2B

PRODUCT USE : General purpos

MANUFACTURER'S NAME: Tilano Fresco
ADDRESS : 1300 Richards St. Suite 101
Vancouver, BC, Canada
V6B 3G8

EMERGENCY PHONE : 1-866-877-4031 REVISION DATE: 20/02/02
INFORMATION PHONE : 1-866-877-4031
ABBREVIATIONS: N/AP - NOT APPLICABLE N/AV - NOT AVAILABLE

SECTION II - HAZARDOUS INGREDIENTS

REPORTABLE COMPONENTS CAS NUMBER WEIGHT PERCENT OCCUPATIONAL EXPOSURE LIMITS

* DIETHYLENE GLYCOL MONOBUTYL ETHER 112-34-51-5
LD50: ORAL: 6500 MG/KG (RAT)
LD50 DERMAL : 4.0 g/kg (RABBIT)

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/AP SPECIFIC GRAVITY (H₂O=1): 1.03
VAPOR DENSITY: Heavier than air.
PHYSICAL STATE: Liquid.
EVAPORATION RATE: Slower than n-Butyl Acetate.
VAPOR PRESSURE: mm Hg @ TEMP (F)
.08 68

COATING V.O.C.: 238 g/l
SOLUBILITY IN WATER: Soluble.
APPEARANCE AND ODOR: Moderately thick liquid; Sweet, Slightly ammoniacal odor.
FREEZING POINT: 0 deg C pH: 8.75
COEFFICIENT OF WATER/OIL DIST: N/AV ODOR THRESHOLD: Not available.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/AP METHOD USED: N/AP
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/AP UPPER: N/AP

EXTINGUISHING MEDIA: Use extinguishing media appropriate to surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES
Handle as a non-flammable liquid.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat.

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FLAMMABILITY - T.D.G.R. CLASS
Not regulated.

SENSITIVITY TO IMPACT: NO

AUTO-IGNITION TEMPERATURE:
Not available

SENSITIVITY TO STATIC DISCHARGE: N/AP

HAZARDOUS COMBUSTION PRODUCTS:
N/AP

===== SECTION V - REACTIVITY DATA =====

CHEMICAL STABILITY: STABLE

CONDITIONS TO AVOID
Excessive heat, Poor ventilation, Corrosive atmospheres, Excessive aging.

INCOMPATIBILITY (MATERIALS TO AVOID)
Alkaline materials, strong acids and oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION: Will not occur.

===== SECTION VI - TOXICOLOGICAL DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Excessive exposure to vapours or spray mists may cause minor irritation to the eyes, nose and throat.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Eye Contact: May cause severe irritation, tearing, redness and blurred vision.
Skin Contact: May cause irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
Harmful if absorbed through skin.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
May cause gastrointestinal irritation, vomiting, nausea and diarrhea.
RAPIDLY ABSORBED THROUGH THE LUNGS AND RESULT IN INJURY TO OTHER BODY SYSTEMS.

HEALTH HAZARDS (ACUTE AND CHRONIC)
Acute health hazards are as listed above.
Repeated overexposure may result in damage to the blood.
ETHER MAY RESULT IN DAMAGE TO THE BLOOD.

SENSITIZING CAPABILITY: NONE KNOWN

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No
N/AP

TERATOGENICITY AND EMBRYOTOXICITY
Not available.

REPRODUCTIVE TOXICITY
Not available.

MUTAGENICITY
Not available.

TOXICOLOGICALLY SYNERGISTIC PRODUCTS
None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
Anesthesia, respiratory tract irritation, dermatitis, nausea, vomiting.

ADDITIONAL HEALTH INFORMATION
N/AP

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===== SECTION VII - PREVENTIVE MEASURES =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean up with water before allowing to dry. Sodium Chloride can be sprinkled on the spill, which may coagulate the latex and facilitate cleaning with water. Place coagulated waste in a closed container. Flush area with water.

WASTE DISPOSAL METHOD

Reclaim or dispose of through a licensed waste disposal company according to Federal, Provincial and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Storage: Keep from freezing. Store in a well ventilated area out of direct sunlight and away from any source of heat.

Handling: Avoid prolonged or repeated inhalation of heated vapours or spray mist. Avoid prolonged or repeated skin contact. Wear adequate personal protective equipment.

OTHER PRECAUTIONS: N/A**RESPIRATORY PROTECTION**

When spraying or in case of poor or no ventilation wear a respirator NIOSH approved for organic vapors and particulates.

VENTILATION

General (dilution) ventilation is required during use. Local exhaust ventilation is required during operations where this material is heated.

PROTECTIVE GLOVES

Rubber.

EYE PROTECTION

Chemical safety glasses, goggles or face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Use impermeable aprons and protective clothing whenever possible to prevent skin contact.

WORK/HYGIENIC PRACTICES

Eye washes and safety showers in the workplace are recommended.

===== SECTION VIII - FIRST AID MEASURES =====

INHALATION OVEREXPOSURE: Move person to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.

EYE CONTACT: Flush with water for at least 15 minutes. Seek medical attention.

SKIN CONTACT: Wash thoroughly with mild soap and water.

INGESTION: Drink 1 or 2 glasses of water to dilute. Contact a physician immediately.

===== SECTION IX - PREPARATION =====

PREPARED BY: TECHNICAL DEPARTMENT

===== SECTION X - DISCLAIMER =====

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