



MATERIAL SAFETY DATA SHEET

TITAN

DATE: January 2015

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Section 1 – Material Identification

SUPPLIER: ECO-CHOICE INDUSTRIES INC.
5-25 Planchet Road
Concord, ON L4K 2C5

PRODUCT: TITAN

PRODUCT USE: FLOOR FINISH

TELEPHONE: (905) 532-9100

HEALTH:
PERSONAL PROTECTION:
REACTIVITY:
FLAMMABILITY:

CANUTEC: (613) 996-6666 (24HRS)

(CLASSIFICATIONS: 0 = MINIMAL 1 = SLIGHT 2 = MODERATE 3 = SERIOUS 4 = EXTREME)

Section 2 – Hazardous Ingredients of Materials

Chemical Identity	CAS Number	%	LD50 / LC50
ACRYLIC EMULSION	NON HAZ	15-40	
POLYETHYLENE WAX EMULSION	NON HAZ	1-5	
POLYURETHANE WATER SOLUBLE RESIN	NON HAZ	3-7	
DIETHYLENE GLYCOL MONOETHYL ETHER	111-90-0	1-5	ORAL RAT 500-5000mg/kg

Section 3 – Physical Data for Material

PHYSICAL STATE (GAS/LIQUID/SOLID): Liquid

ODOUR/APPEARANCE: Mild Ammonia Odour, Milky Liquid

ODOUR THRESHOLD (PPM): N/E

SPECIFIC GRAVITY: 1.00 gm/cm³

VAPOUR PRESSURE (MM): <25 at 20°C

VAPOUR DENSITY (AIR = 1): >1

EVAPORATION RATE: = water

BOILING POINT (°C): 100°C

FREEZING POINT (°C): -3°C

SOLUBILITY IN WATER (20°C): Infinite

% VOLATILE (BY VOL.): 81-85%

pH: 8.6+/-0.6

Section 4 – Fire and Explosion Hazard

FLAMMABILITY: No – Above 100°C material can splatter, polymer film can burn

MEANS OF EXTINCTION: Use water, dry chemical, foam, CO₂ for burning polymer film

SENSITIVITY TO IMPACT:

FLASHPOINT (°C) AND METHOD: N/A

UPPER FLAMMABLE LIMIT (% BY VOL.): N/A

SPECIAL PROCEDURES:

LOWER FLAMMABLE LIMIT (% BY VOL.): N/A

AUTO-IGNITION TEMP. (°C): N/A

TDG FLAMMABILITY CLASSIFICATION:

HAZARDOUS COMBUSTION PRODUCTS: Not Established

Section 5 – Reactivity Data

CHEM. STABILITY: Yes

INCOMPATIBILITY TO SUBSTANCES: Acids, not dangerously reactive

REACTIVITY – CONDITIONS:

HAZARDOUS DECOMPOSITION PRODUCTS: None known

Section 6 – Toxicological Properties

ROUTE OF ENTRY SKIN CONTACT: Yes EYE CONTACT: Yes INHALATION ACUTE: Yes INGESTION: Yes	EFFECTS OF ACUTE EXPOSURE EYE: May cause slight irritation SKIN: May cause slight irritation INGESTION: INHALATION: Prolonged inhalation of product may cause some irritation of nose & throat EFFECTS OF CHRONIC EXPOSURE: None beyond acute exposure
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Section 7 – Preventive Measures

PERSONAL PROTECTIVE EQUIPMENT GLOVES: RESPIRATORY: Where exposure limits are exceeded, wear suitable respirator. EYE: Use safety glasses ENGINEERING CONTROLS: LEAK AND SPILL PROCEDURE: Small spills – mop & flush with water. Large spills – contain spill with inert material (sand, earth) WASTE DISPOSAL: Sanitary sewer for small spill. Incinerate solids & the contaminated diking material at a permitted facility according to local and federal regulations. HANDLING PROCEDURES/EQUIPMENT: SPECIAL SHIPPING INFORMATION: STORAGE REQUIREMENTS: Store in a closed container above -3°C. Product may coagulate

Section 8 – First Aid Measures

SKIN: Wash with soap and water EYE: Flush with plenty of water. Get medical attention if required INHALATION: INGESTION: Induce vomiting. Drink plenty of water and call a physician. GENERAL ADVICE:
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PREPARED BY: ECO-CHOICE INDUSTRIES LAB GROUP

NOTICE: INFORMATION CONTAINED IN THIS MSDS IS DRAWN FROM RELIABLE SOURCES. WE DO NOT ASSUME ANY LIABILITY IN CONNECTION WITH ITS INADEQUATE USE.