

VARATHANE INTERIOR WB GLOSS 2x3.78L

Version 1

Print Date 10/20/2005

REVISION DATE: 10/02/2005

SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION**Product Information**

Trade name : VARATHANE INTERIOR WB GLOSS 2x3.78L
Product code : Y200031

Supplier : Tremco Canada division
220 Wicksteed Avenue
Toronto, ON M4H 1G7

Telephone : (416) 421-3300
Emergency Phone: : (613) 996-6666

Product use : Coating

Preparation Information

Prepared by: : Sewnauth Raghunandan
Date: : 10/02/2005
Telephone : (416) 421-3300

SECTION 2 - HAZARDS IDENTIFICATION**Emergency Overview**

Clear. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
Eyes : Direct contact may cause mild irritation.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Acrylonitrile is a carcinogen; however trace amount in product does not pose a significant risk under normal conditions of use and adequate ventilation. Long term overexposure to propylene glycol caused liver abnormalities, kidney damage in laboratory animals. Repeated excessive ingestion may cause central nervous system effects. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 : HAZARDOUS INGREDIENTS

Chemical Name	CAS-No.	Weight % Range
Dipropylene glycol methyl ether	34590-94-8	7.0 - 13.0
Propylene glycol	57-55-6	7.0 - 13.0
Acrylonitrile	107-13-1	5.0 - 10.0
Triethyl amine	121-44-8	0.5 - 1.5

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

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SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Get medical attention. Do not induce vomiting.
- Notes to physician : Not applicable.

SECTION 5: FIRE / EXPLOSION HAZARDS

- Flash point : > 93 °C, > 199 °F
- Method : Not available.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : This product is not expected to burn under normal conditions of use.
- Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Transfer to appropriate container for disposal. Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - PREVENTIVE MEASURES/EXPOSURE CONTROLS/PERSONAL PROTECTION**Personal protection equipment**

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- Respiratory protection : Not required under normal conditions of use. Wear appropriate, NIOSH/MSHA approved respirator with combination particulate filter and vapor/gas removing cartridge when the ventilation is not adequate or if it is necessary to abrade or grind surfaces coated with this product.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures** : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

Chemical Name	CAS Number	Regulation	Limit	Form
Dipropylene glycol methyl ether	34590-94-8	Ontario TWA: Ontario STEL: ACGIH TWA: ACGIH STEL:	605 mg/m3 910 mg/m3 100 ppm 150 ppm	
Acrylonitrile	107-13-1	Ontario TWA: ACGIH TWA:	4.3 mg/m3 2 ppm	
Triethyl amine	121-44-8	Ontario TWA: Ontario STEL: ACGIH TWA: ACGIH STEL:	1 ppm 3 ppm 1 ppm 3 ppm	

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical State : Liquid
- Form : Liquid
- Color : Clear
- Odor : Acrylate
- pH : Not available.
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.
- Freezing point : Not available.
- Boiling point/range : 78 °C, 172 °F
- Water solubility : Miscible
- Evaporation Rate: : Not available.

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Specific Gravity : 1.0
% Volatile Weight : 15 %

SECTION 10 - REACTIVITY / STABILITY

Substances to avoid : Strong acids.Strong bases.
Stability : Stable
Hazardous polymerization : Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Dipropylene glycol methyl ether, CAS-No.: 34590-94-8
Acute oral toxicity (LD-50 oral) 5,350 mg/kg (Rat)
Acute dermal toxicity (LD-50 dermal) 9,500 mg/kg (Rabbit)

Propylene glycol, CAS-No.: 57-55-6
Acute oral toxicity (LD-50 oral) 30,000 mg/kg (Rat)

Acrylonitrile, CAS-No.: 107-13-1
Acute oral toxicity (LD-50 oral) 93 mg/kg (Rabbit)
Acute inhalation toxicity (LC-50) 425 mg/l (Rat)
Acute dermal toxicity (LD-50 dermal) 280 mg/kg (Rabbit)

Triethyl amine, CAS-No.: 121-44-8
Acute oral toxicity (LD-50 oral) 546 mg/kg (Mouse)
Acute inhalation toxicity (LC-50) 1,000 mg/l (Rat)
Acute dermal toxicity (LD-50 dermal) 570 mg/kg (Rabbit)

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Disposal Method : Dispose as hazardous waste according to all local, state, federal and provincial regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA

TDG / DOT Shipping Description:
NOT REGULATED

SECTION 15 - REGULATORY INFORMATION

North American Inventories:
All components are listed or exempt from the TSCA inventory.
This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

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Canadian Regulations:

WHMIS Classification : D2B

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Other Regulations:

Regulatory VOC (less water and : 152 g/l
exempt solvent)

SECTION 16 - OTHER INFORMATION**HMIS Rating :**

Health	1
Flammability	0
Reactivity	0
PPE	

0 = Minimum
1 = Slight
2 = Moderate
3 = Serious
4 = Severe

Further information:

Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to his own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Sewnauth Raghunandan**Legend**

ACGIH - American Conference of Governmental Hygienists

DOT - Department of Transportation

DSL - Domestic Substance List

EPA - Environmental Protection Agency

HMIS - Hazardous Materials Information System

IARC - International Agency for Research on Cancer

MSHA - Mine Safety Health Administration

NDSL - Non-Domestic Substance List

NIOSH - National Institute for Occupational Safety and Health

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

RCRA - Resource Conservation and Recovery Act

STEL - Short Term Exposure Limit

TLV - Threshold Limit Value

TSCA - Toxic Substances Control Act

TWA - Time Weighted Average

V - Volume

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information System