

SECTION 1 - PRODUCT INFORMATION

Product Identifier: 16-216 SP URETHANE IND BARRIER BLK E340			
Product Use: Protective Coating			
Manufacturer's Name: General Paint Corp.		Supplier's Name: General Paint Corp.	
Street Address: 950 Raymur Ave		Street Address: 950 Raymur Ave	
City: Vancouver	Province: BC	City: Vancouver	Province: BC
Postal Code: V6A 3L5	Emergency Phone: (604) 253-4022	Postal Code: V6A 3L5	Emergency Phone: (604) 253-4022

SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Ingredients (<i>Specific</i>)	%	CAS Number	LD 50 of Ingredient (Specify species, route)	LC 50 of Ingredient (Specify species)
1,3,5-TRIMETHYLBENZENE	0.28 - 0.4	108-67-8	23000 MG/KG(ORAL, RAT)	2240 PPM(VAPOR, RAT)
XYLENE (MIXED ISOMERS)	0.1 - 1	1330-20-7	5400 MG/KG(ORAL, RAT)	6350 PPM(VAPOR, RAT)
CARBON BLACK	1 - 2.99	1333-86-4	15400 MG/KG(ORAL, RAT)	NOT AVAILABLE
TERT-BUTYL ACETATE	0.86	540-88-5	4100 MG/KG(ORAL, RAT)	2000 PPM(VAPOR, RABBIT)
MINERAL SPIRITS	1.32 - 3.41	64742-88-7	5000 MG/KG(ORAL, RAT)	5500 PPM(VAPOR, RAT)
HIGH FLASH AROMATIC NAPHTHA	1.26 - 1.39	64742-95-6	2900 MG/KG(ORAL, RAT)	NOT AVAILABLE
MINERAL SPIRITS	3.83 - 4.11	8052-41-3	5000 MG/KG(ORAL, RAT)	5500 PPM(VAPOR, RAT)
1,2,4-TRIMETHYLBENZENE	1.09 - 1.26	95-63-6	5000 MG/KG(ORAL, RAT)	NOT AVAILABLE

SECTION 3 - PHYSICAL DATA

Physical State: Liquid	Odour and Appearance: liquid with a solvent smell	Coating VOC(gm/l): 334	Odour Threshold(ppm): Not Available
Specific Gravity: 1	Vapor Density(air=1): Not Available	Vapor Pressure(mmHg): Not Available	Evaporation Rate: Not Available
Boiling Point(° C): Not Available	Freezing Point(° C): Not Available	pH: Not Applicable	Coefficient of Water/Oil Distribution: Not Available

SECTION 4 - FIRE AND EXPLOSION DATA

Flammability: Yes	If yes, Under which Conditions? Flammable Liquid	
Means of Extinction: Alcohol foam, Carbon dioxide, Dry chemical powder, Polymer foam, water.		
Flashpoint and Method: 36 °C Closed Cup	Upper Flammable Lt (% by Volume): Not Available	Lower Flammable Lt (% by Volume): Not Available
Autoignition Temperature: Not Available	Explosion Data - Sensitivity to Impact: No	Explosion Data - Sensitivity to Static discharges: No
Hazardous Combustion Pdts: carbon monoxide, carbon dioxide, aldehydes, nitrogen oxides, sulfur oxides, carbon oxides		

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable	If Yes, Under which Conditions? Not Applicable
Incompatibility with other substances: Yes	If yes, which ones? Strong Acids Strong Oxidizing agents Strong Bases
Reactivity, and under what conditions? heat, ignition sources, potassium t-butoxide, nitric acid, sulfuric acid, sulfur dichloride, tetranitromethane, dichlorohydrantion, heat, sparks, or other ignition sources, generation of dust, heat, flames and sparks, oxidizing agents, extreems of temperatures	
Hazardous Decomposition Products: carbon oxides	

SECTION 6 - TOXICOLOGICAL PROPERTIES

Route of Entry	Skin Contact: Yes	Absorption: Yes	Eye Contact: Yes	Inhalation: Yes	Ingestion: Yes
Effects to Acute exposure to Product: 1,3,5-TRIMETHYLBENZENE has been known to cause NOSE, THROAT AND LUNG IRRITATION, CENTRAL NERVOUS SYSTEM DEPRESSION and SKIN AND EYE IRRITATION. XYLENE (MIXED ISOMERS) has been known to cause CENTRAL NERVOUS SYSTEM DEPRESSION, HEADACHE, DEPRESSION, DROWSINESS, INCOORDINATION and SKIN AND EYE IRRITATION. MINERAL SPIRITS has been known to cause CONJUNCTIVITIS, CORNEAL DAMAGE, NAUSEA, VOMITING, DIARRHEA, HEADACHE and DIZZINESS. MINERAL SPIRITS has been known to cause EYE IRRITANT, NOSE IRRITANT, THROAT IRRITANT, DIZZINESS and DERMATITIS. 1,2,4-TRIMETHYLBENZENE has been known to cause CENTRAL NERVOUS SYSTEM DEPRESSION.					
Effects to Chronic exposure to Product: 1,3,5-TRIMETHYLBENZENE has been known to cause DERMATITIS. XYLENE (MIXED ISOMERS) has been known to cause LIVER DAMAGE, KIDNEY DAMAGE, DERMATITIS. MINERAL SPIRITS has been known to cause DERMATITIS. MINERAL SPIRITS has been known to cause NARCOSIS, CENTRAL NERVOUS SYSTEM DEPRESSION. 1,2,4-TRIMETHYLBENZENE has been known to cause DERMATITIS.					
Exposure Limits (Value,Units,By) 1,3,5-TRIMETHYLBENZENE: 25 ppm ACGIH XYLENE (MIXED ISOMERS): 100 ppm ACGIH CARBON BLACK: 3.5 mg/m3 ACGIH TERT-BUTYL ACETATE: 200 ppm Canada; OEL - BC,AB,ON MINERAL SPIRITS: 100 mg/m3 ACGIH HIGH FLASH AROMATIC NAPHTHA: N/A MINERAL SPIRITS: 100 PPM ACGIH 1,2,4-TRIMETHYLBENZENE: 25 ppm ACGIH					
Irritancy (if yes, explain) XYLENE (MIXED ISOMERS) is a skin and eye irritant. TERT-BUTYL ACETATE is a skin and eye irritant. MINERAL SPIRITS is a skin and eye irritant. (MILD)					

Sensitization (if yes, explain) TERT-BUTYL ACETATE is both a skin and respiratory sensitizer.	Carcinogenicity (if yes, explain) CARBON BLACK is possibly carcinogenic to humans(2B) by IARC.
Reproductive Toxicity (if yes, explain)	Teratogenicity (if yes, explain) XYLENE (MIXED ISOMERS) may cause birth defects.
Mutagenicity (if yes, explain) CARBON BLACK may alter genetic material.	Synergistic Products (if yes, explain) 1,3,5-TRIMETHYLBENZENE may produce a toxic effect greater than the sum of these individual compounds. (Consumption of alcohol will increase the)

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment	Gloves: Yes	Respirator: Yes	Eye: Yes	Footwear: Yes	Clothing: Yes	Other: No
If checked, specify type: Gloves: BUTYL RUBBER Respirator: NIOSH APPROVED RESPIRATOR Eye: SPLASH REISTANT GOGLES						
Engineering controls (specify such as ventilation, enclosed process): Use mechanical ventilation to reduce exposure.						
Leak and Spill Procedure: Wear adequate protective equipment and eliminate all ignition sources. Contain spill with absorbant material and place in a suitable covered and labeled container for disposal.						
Waste Disposal: Check with Federal, Provincial and local government regulations and requirements for disposal.						
Handling Procedures and Equipment: Use in a well ventilated area. Do not use with incompatible substances.						
Storage Requirements: Store in a cool, well ventilated area out of direct sunlight.						
Special Shipping Information: TDG Shipping Name: PAINT Classification: 3.3 Packing Group: III Identification Number: UN1263						

SECTION 8 - FIRST AID MEASURES

Inhalation: Remove to fresh air. Get medical help if there is any breathing difficulty.
Ingestion: Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.
Skin Contact: Remove Contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of soap and water. If irritation persists, seek medical attention.
Eye Contact: Flush eyes with large amounts of lukewarm water for 20 minutes, while holding eyelids open or until irritation subsides. If irritation persist, get medical attention.

SECTION 9 - PREPARATION INFORMATION

Prepared by: General Paint Technical Dept	Phone: (604) 253-3131	Preparation Date: May 23, 2012
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