

SECTION 1 - PRODUCT INFORMATION

Product Identifier: 17-209 Q.D. IND. EN - NATIONAL BLUE			
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)
ETHYLBENZENE	3.56 - 4.74	100-41-4	3500 MG/KG(ORAL, RAT)	4000 PPM(VAPOR, RAT)
TOLUENE	0.5 - 1.5	108-88-3	2600 MG/KG(ORAL, RAT)	8800 PPM(VAPOR, RAT)
XYLENE (MIXED ISOMERS)	23 - 25	1330-20-7	5400 MG/KG(ORAL, RAT)	6350 PPM(VAPOR, RAT)
COPPER PHTHALOCYANINE	2.45 - 2.83	147-14-8	5000 MG/KG(ORAL, RAT)	NOT AVAILABLE
LOW FLASH NAPHTHA ALIPHATIC	17 - 22	64742-89-8	NOT AVAILABLE	NOT AVAILABLE
SILICA, AMORPHOUS, FUMED	0.65 - 1.04	7631-86-9	NOT AVAILABLE	NOT AVAILABLE
NAPHTHA, VM & P	0.95 - 1.05	8032-32-4	NOT AVAILABLE	3400 PPM(VAPOR, RAT)
N-DIBUTYL PHTHALATE	1.08	84-74-2	8000 MG/KG(ORAL, RAT)	25 PPM(VAPOR, MOUSE)

SECTION 3 - PHYSICAL DATA

Physical State: Liquid	Odour and Appearance: liquid with a solvent smell	Coating VOC(gm/l): 525	Odour Threshold(ppm): Not Available
Specific Gravity: 0.98	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: 1 °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, phthalic anhydride		

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, nitric acid, sulfuric acid, sulfur dichloride, tetranitromethane, dichlorohydrantion, heat, sparks, or other ignition sources, generation of dust, igniton sources	

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: ETHYLBENZENE has been known to cause HEADACHES, MEMORY LOSS, FATIGUE and DERMATITIS. TOLUENE has been known to cause FATIGUE, WEAKNESS, INCOORDINATION, HEADACHE and DIZZINESS. XYLENE (MIXED ISOMERS) has been known to cause CENTRAL NERVOUS SYSTEM DEPRESSION, HEADACHE, DEPRESSION, DROWSINESS, INCOORDINATION and SKIN AND EYE IRRITATION. LOW FLASH NAPHTHA ALIPHATIC has been known to cause NAUSEA, HEADACHE, VOMITING and EUPHORIA. N-DIBUTYL PHTHALATE has been known to cause EYE IRRITATION, STOMACH IRRITATION and UPPER RESPIRATORY TRACT IRRITATION.					
Effects to Chronic exposure to Product: ETHYLBENZENE has been known to cause CENTRAL NERVOUS SYSTEM DEPRESSION. TOLUENE has been known to cause IMPAIRED MEMORY, IMPAIRED SPEECH, IMPAIRED VISION, IMPAIRED HEARING, DERMATITIS. XYLENE (MIXED ISOMERS) has been known to cause LIVER DAMAGE, KIDNEY DAMAGE, DERMATITIS. LOW FLASH NAPHTHA ALIPHATIC has been known to cause DERMATITIS, LIVER DAMAGE, KIDNEY DAMAGE, SNS, CENTRAL NERVOUS SYSTEM DAMAGE. SILICA, AMORPHOUS, FUMED has been known to cause FIBROSIS. NAPHTHA, VM & P has been known to cause DERMATITIS.					
Exposure Limits (Value,Units,By) ETHYLBENZENE: 100 ppm ACGIH TOLUENE: 150 ppm OSHA XYLENE (MIXED ISOMERS): 100 ppm ACGIH COPPER PHTHALOCYANINE: N/A LOW FLASH NAPHTHA ALIPHATIC: N/A SILICA, AMORPHOUS, FUMED: 6 mg/m ³ NIOSH NAPHTHA, VM & P: 300 ppm ACGIH N-DIBUTYL PHTHALATE: 5 mg/m ³ ACGIH					
Irritancy (if yes, explain) ETHYLBENZENE is a skin and eye irritant. (MODERATE SKIN AND EYE IRRITANT) TOLUENE is a skin and eye irritant. (MODERATE SKIN IRRITANT) XYLENE (MIXED ISOMERS) is a skin and eye irritant. NAPHTHA, VM & P is a skin and eye irritant.					

Sensitization (if yes, explain)	Carcinogenicity (if yes, explain) ETHYLBENZENE is considered to be a Animal carcinogen. The agent is not likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure(A3) by ACGHI. ETHYLBENZENE is possibly carcinogenic to humans(2B) by IARC. NAPHTHA, VM & P is considered to be a Animal carcinogen. The agent is not likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure(A3) by ACGHI.
Reproductive Toxicity (if yes, explain) LOW FLASH NAPHTHA ALIPHATIC may damage the reproductive system. N-DIBUTYL PHTHALATE may damage the reproductive system.	Teratogenicity (if yes, explain) TOLUENE may cause birth defects. (REDUCED FETAL WEIGHT AND BEHAVIOURAL EFFECTS) XYLENE (MIXED ISOMERS) may cause birth defects. N-DIBUTYL PHTHALATE may cause birth defects.
Mutagenicity (if yes, explain)	Synergistic Products (if yes, explain)

SECTION 7 - PREVENTIVE MEASURES

Personal Protective Equipment	Gloves: Yes	Respirator: Yes	Eye: Yes	Footwear: No	Clothing: No	Other: No
If checked, specify type: Gloves: BUTYL RUBBER Respirator: NIOSH APPROVED Eye: SPLASH RESISTANT						
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: 3.2 Packing Group: II 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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