

## SECTION 1 - PRODUCT INFORMATION

<b>Product Identifier:</b> 17-214 QD IND. ENAMEL - SIGNAL GREEN			
<b>Product Use:</b> Protective Coating			
<b>Manufacturer's Name:</b> General Paint Corp.		<b>Supplier's Name:</b> General Paint Corp.	
<b>Street Address:</b> 950 Raymur Ave		<b>Street Address:</b> 950 Raymur Ave	
<b>City:</b> Vancouver	<b>Province:</b> BC	<b>City:</b> Vancouver	<b>Province:</b> BC
<b>Postal Code:</b> V6A 3L5	<b>Emergency Phone:</b> (604) 253-4022	<b>Postal Code:</b> V6A 3L5	<b>Emergency Phone:</b> (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	3.22 - 4.41	100-41-4	3500 MG/KG(ORAL, RAT)	4000 PPM(VAPOR, RAT)
TOLUENE	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)
LOW FLASH NAPHTHA ALIPHATIC	17 - 23	64742-89-8	NOT AVAILABLE	NOT AVAILABLE
NAPHTHA, VM & P	0.94 - 1.04	8032-32-4	NOT AVAILABLE	3400 PPM(VAPOR, RAT)
N-DIBUTYL PHTHALATE	1.07	84-74-2	8000 MG/KG(ORAL, RAT)	25 PPM(VAPOR, MOUSE)

## SECTION 3 - PHYSICAL DATA

<b>Physical State:</b> Liquid	<b>Odour and Appearance:</b> liquid with a solvent smell	<b>Coating VOC(gm/l):</b> 535	<b>Odour Threshold(ppm):</b> Not Available
<b>Specific Gravity:</b> 0.99	<b>Vapor Density(air=1):</b> Not Available	<b>Vapor Pressure(mmHg):</b> Not Available	<b>Evaporation Rate:</b> Not Available
<b>Boiling Point(° C ):</b> Not Available	<b>Freezing Point(° C ):</b> Not Available	<b>pH:</b> Not Applicable	<b>Coefficient of Water/Oil Distribution:</b>  Not Available

## SECTION 4 - FIRE AND EXPLOSION DATA

<b>Flammability:</b> Yes	<b>If yes, Under which Conditions?</b> Flammable Liquid	
<b>Means of Extinction:</b> Alcohol foam, Carbon dioxide, Dry chemical powder, Polymer foam, water.		
<b>Flashpoint and Method:</b> 3 °C Closed Cup	<b>Upper Flammable Lt (% by Volume):</b> Not Available	<b>Lower Flammable Lt (% by Volume):</b> Not Available
<b>Autoignition Temperature:</b> Not Available	<b>Explosion Data - Sensitivity to Impact:</b> No	<b>Explosion Data - Sensitivity to Static discharges:</b> No
<b>Hazardous Combustion Pdts:</b> carbon monoxide, carbon dioxide, aldehydes, nitrogen oxides, sulfur oxides, phthalic anhydride		

## SECTION 5 - REACTIVITY DATA

<b>Chemical Stability:</b> Stable	<b>If Yes, Under which Conditions?</b> Not Applicable
<b>Incompatibility with other substances:</b> Yes	<b>If yes, which ones?</b> Strong Acids Strong Oxidizing agents Strong Bases
<b>Reactivity, and under what conditions?</b> heat, ignition sources, nitric acid, sulfuric acid, sulfur dichloride, tetranitromethane, dichlorohydrantion, heat, sparks, or other ignition sources, generation of dust, igniton sources	
<b>Hazardous Decomposition Products:</b>	

## SECTION 6 - TOXICOLOGICAL PROPERTIES

<b>Route of Entry</b>	<b>Skin Contact:</b> Yes	<b>Absorption:</b> Yes	<b>Eye Contact:</b> Yes	<b>Inhalation:</b> Yes	<b>Ingestion:</b> Yes
<b>Effects to Acute exposure to Product:</b> ETHYLBENZENE has been known to cause HEADACHES, MEMORY LOSS, FATIGUE and DERMATITIS. TOLUENE has been known to cause FATIGE, 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 RESPIATORY TRACT IRRITATION.					
<b>Effects to Chronic exposure to Product:</b> ETHYLBENZENE has been known to cause CENTRAL NERVOUS SYSTEM DPRESSION. TOLUENE has been known to cause IMPARED MEMORY, IMPARED SPEECH, IMPARED VISION, IMPARED 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. NAPHTHA, VM & P has been known to cause DERMATITIS.					
<b>Exposure Limits (Value,Units,By)</b> ETHYLBENZENE: 100 ppm ACGIH TOLUENE: 150 ppm OSHA XYLENE (MIXED ISOMERS): 100 ppm ACGIH LOW FLASH NAPHTHA ALIPHATIC: N/A NAPHTHA, VM & P: 300 ppm ACGIH N-DIBUTYL PHTHALATE: 5 mg/m3 ACGIH					
<b>Irritancy (if yes, explain)</b> 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.					

<b>Sensitization (if yes, explain)</b>	<b>Carcinogenicity (if yes, explain)</b> 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.
<b>Reproductive Toxicity (if yes, explain)</b> LOW FLASH NAPHTHA ALIPHATIC may damage the reproductive system. N-DIBUTYL PHTHALATE may damage the reproductive system.	<b>Teratogenicity (if yes, explain)</b> 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.
<b>Mutagenicity (if yes, explain)</b>	<b>Synergistic Products (if yes, explain)</b>

## SECTION 7 - PREVENTIVE MEASURES

<b>Personal Protective Equipment</b>	<b>Gloves:</b> Yes	<b>Respirator:</b> Yes	<b>Eye:</b> Yes	<b>Footwear:</b> No	<b>Clothing:</b> No	<b>Other:</b> No
<b>If checked, specify type:</b> Gloves: BUTYL RUBBER Respirator: NIOSH APPROVED Eye: SPLASH RESISTANT						
<b>Engineering controls (specify such as ventilation, enclosed process):</b> Use mechanical ventilation to reduce exposure.						
<b>Leak and Spill Procedure:</b> 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.						
<b>Waste Disposal:</b> Check with Federal, Provincial and local government regulations and requirements for disposal.						
<b>Handling Procedures and Equipment:</b> Use in a well ventilated area. Do not use with incompatible substances.						
<b>Storage Requirements:</b> Store in a cool, well ventilated area out of direct sunlight.						
<b>Special Shipping Information:</b> TDG Shipping Name: PAINT Classification: 3.2 Packing Group: II Identification Number: UN1263						

## SECTION 8 - FIRST AID MEASURES

<b>Inhalation:</b> Remove to fresh air. Get medical help if there is any breathing difficulty.
<b>Ingestion:</b> Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.
<b>Skin Contact:</b> Remove Contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of soap and water. If irritation persists, seek medical attention.
<b>Eye Contact:</b> 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

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