



Plastique Royal
2809 Rue Etienne-Lenoir
Laval, QC; H7R 6J4

PRODUCT: PRCH2501 ENAMEL PAINT SEMIGLOSS BLACK

Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED FOR..... Plastique Royal Inc.,
2809 Rue Etienne-Lenoir
Laval, QC H7R 6J4
PRODUCT NAME..... PRCH2501 ENAMEL PAINT SEMIGLOSS BLACK
MATERIAL USE..... PAINTS.
CHEMICAL FAMILY..... MIXTURE.
24 HOUR EMERGENCY NUMBER..... IN CANADA CALL CANTEC (613) 996-6666 IN THE UNITED STATES CALL CHEMTREC (800) 424-9300.
HAZARD RATE
NFPA RATING..... HEALTH: 2 FIRE: 4 REACTIVITY: 0.
HMIS..... H: 2 F: 4 R: 0.
PREPARATION DATE..... APRIL 2, 2014.

Section 02: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route, Species	LC/50 Route, Species
ACETONE	10-30	500 ppm ACGIH TWA	67-64-1	5,800 mg/kg RAT ORAL - 20,000 mg/kg RABBIT DERMAL	76 mg/L RAT 4 HOURS
PROPANE	10-30	1000 ppm WITH AIR	74-98-6	NOT INDICATED	NOT INDICATED
VM&P NAPHTHA	10-30	NOT ESTABLISHED	64742-89-8	2000 mg/kg RAT ORAL; 2000 mg/kg RAT DERMAL	3400 ppm 4 HOURS RAT
ISO BUTANE	7-13	NOT INDICATED	75-28-5	NOT INDICATED	NOT INDICATED
METHYL ISOBUTYL KETONE	3-7	50 ppm ACGIH TWA	108-10-1	2080 mg/kg RAT ORAL >16,000 mg/kg RABBIT DERMAL	8.2 - 16.4 mg/L 4 HOURS RAT
TOLUENE	1-5	50 PPM	108-88-3	3000 mg/kg ORAL (rat)	5320 ppm INHL. 8 HOURS MICE
TALC	1-5	2 PPM	14807-96-6	NO DATA	NO DATA
ETHYL 3-ETHOXYPROPIONATE	1-5	NOT ESTABLISHED	763-69-9	NOT AVAILABLE	NOT AVAILABLE
CARBON BLACK	0.1-1.0	3.5 MG/M3 (TWA)	1333-86-4	> 5000 MG/KG RAT ORAL	NO DATA
XYLENE	0.1-1.0	100 PPM/435 MG/M3	1330-20-7	4300 mg/kg ORAL RAT	5000 ppm 4 HOURS INHALATION RAT
N-BUTYL ACETATE	0.1-1.0	150 ppm ACGIH TWA	123-86-4	14,000 mg/kg RAT ORAL	150 ppm 4 HOURS WISTAR RATS
MINERAL SPIRITS	0.1-1.0	100 PPM	8052-41-3	>5000MG/KG ORAL RAT	3500 PPM RAT
ETHYLBENZENE	0.1-1.0	25 PPM	100-41-4	3500 MG/KG ORAL RAT	4000 PPM/4H INHALATION LCLo RAT

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY EYE CONTACT. SKIN CONTACT. INHALATION.
SKIN CONTACT..... CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS.
SKIN ABSORPTION..... MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.
EYE CONTACT..... CAN CAUSE REDNESS, IRRITATION, TISSUE DESTRUCTION.
INGESTION..... MAY BE HARMFUL OR FATAL IF SWALLOWED. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.
INHALATION (ACUTE)..... EXCESSIVE INHALATION OF VAPOURS CAN CAUSE RESPIRATORY IRRITATION, DIZZINESS, HEADACHE, VOMITING AND UNCONSCIOUSNESS.

PRODUCT: PRCH2501 ENAMEL PAINT SEMIGLOSS BLACK**Section 03: HAZARDS IDENTIFICATION**

INHALATION (CHRONIC)..... CHRONIC EXPOSURE TO ORGANIC SOLVENT VAPORS HAVE BEEN ASSOCIATED WITH VARIOUS NEUROTOXIC EFFECTS INCLUDING PERMANENT BRAIN AND/OR NERVOUS SYSTEM DAMAGE, KIDNEY, LIVER, BLOOD DAMAGE AND REPRODUCTIVE EFFECTS AMONG WOMEN. SYMPTOMS MAY INCLUDE NAUSEA, VOMITING, ABDOMINAL PAIN, HEADACHE, IMPAIRED MEMORY, LOSS OF COORDINATION, INSOMNIA AND BREATHING DIFFICULTIES.

EFFECTS OF CHRONIC EXPOSURE..... BREATHING HIGH CONCENTRATIONS OF VAPOUR MAY CAUSE ANESTHETIC EFFECTS AND SERIOUS HEALTH EFFECTS. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DRYING OR CRACKING OF SKIN. POSSIBLE DAMAGE TO LIVER AND KIDNEYS.

Section 04: FIRST AID MEASURES

SKIN CONTACT..... REMOVE ALL CONTAMINATED CLOTHING AND IMMEDIATELY WASH THE EXPOSED AREAS WITH COPIOUS AMOUNTS OF WATER FOR A MINIMUM OF 30 MINUTES OR UP TO 60 MINUTES FOR CRITICAL BODY AREAS. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION..... IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN, OBTAIN MEDICAL ATTENTION.

INGESTION..... DO NOT INDUCE VOMITING. IF INGESTION IS SUSPECTED, CONTACT PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. IF SPONTANEOUS VOMITING OCCURS HAVE VICTIM LEAN FORWARD WITH HEAD DOWN TO TO PREVENT ASPIRATION OF FLUID INTO THE LUNGS. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

EYE CONTACT..... IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES, KEEPING EYELIDS OPEN, WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION.

ADDITIONAL INFORMATION..... TREAT POISONING VICTIMS SYMPTOMATICALLY . THE MAIN HAZARD FROM INGESTION IS ASPIRATION OF THE LIQUID INTO THE LUNGS.

Section 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... FLAMMABLE.

FLASH POINT (deg C), METHOD..... -18 CLOSED CUP. AEROSOL FLAME PROJECTION < 100 cm.

AUTO IGNITION TEMPERATURE (deg C).. NOT AVAILABLE.

UPPER FLAMMABLE LIMIT (% VOL)..... 12.8.

LOWER FLAMMABLE LIMIT (% VOL)..... 1.0.

EXTINGUISHING MEDIA..... "ALCOHOL" FOAM, CO₂, DRY CHEMICAL. IN CASES OF LARGER FIRES, WATER SPRAY SHOULD BE USED.

HAZARDOUS COMBUSTION PRODUCTS. OXIDES OF CARBON (CO,CO₂).

SENSITIVITY TO MECHANICAL IMPACT... CONTENTS UNDER PRESSURE.

SENSITIVITY TO STATIC DISCHARGE..... MAY BE SENSITIVE.

SPECIAL FIRE FIGHTING PROCEDURES. FIREFIGHTER SHOULD BE EQUIPPED WITH SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING TO PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES. COOL FIRE-EXPOSED CONTAINERS WITH COLD WATER SPRAY. HEAT WILL CAUSE PRESSURE BUILDUP AND MAY CAUSE EXPLOSIVE RUPTURE. KEEP RUN-OFF WATER FROM ENTERING SEWERS AND OTHER WATERWAYS. DIKE FOR WATER CONTROL.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... VENTILATE. ELIMINATE ALL SOURCES OF IGNITION. CONTAIN THE SPILL. AVOID ALL PERSONAL CONTACT. SPILLED MATERIAL AND WATER RINSES ARE CLASSIFIED AS CHEMICAL WASTE, AND MUST BE DISPOSED OF IN ACCORDANCE WITH CURRENT LOCAL, PROVINCIAL, AND FEDERAL REGULATIONS. EVACUATE ALL NON-ESSENTIAL PERSONNEL. PREVENT RUNOFF INTO DRAINS, SEWERS, AND OTHER WATERWAYS. ABSORB WITH EARTH, SAND, OR ANOTHER DRY INERT MATERIAL. SHOVEL INTO SUITABLE UNSEALED CONTAINERS, TRANSPORT TO WELL-VENTILATED AREA (OUTSIDE) AND TREAT WITH NEUTRALIZING SOLUTION: MIXTURE OF WATER (80%) WITH NON-IONIC SURFACTANT TERGITOL TMN-10 (20%), OR; WATER (90%), CONCENTRATED AMMONIA (3-8%) AND DETERGENT (2%).

Section 07: HANDLING AND STORAGE

HANDLING PROCEDURES..... AVOID ALL SKIN CONTACT AND VENTILATE ADEQUATELY, OTHERWISE WEAR AN APPROPRIATE BREATHING APPARATUS. ALWAYS ADOPT PRECAUTIONARY MEASURES AGAINST BUILD-UP OF STATIC WHICH MAY ARISE FROM APPLIANCES, HANDLING AND THE CONTAINERS IN WHICH PRODUCT IS PACKED. AVOID BREATHING VAPOURS OR MIST. GROUND HANDLING EQUIPMENT. HANDLE AND OPEN CONTAINER WITH CARE. EMPLOYEES SHOULD WASH HANDS AND FACE BEFORE EATING OR DRINKING. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

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STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. STORE AWAY FROM OXIDIZING AND REDUCING MATERIALS. STORE AWAY FROM SUNLIGHT.

Section 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT
 EYE/TYPE..... LIQUID CHEMICAL GOGGLES.
 RESPIRATORY/TYPE..... LOCAL EXHAUST VENTILATION IS RECOMMENDED. WEAR AN APPROPRIATE, PROPERLY FITTED RESPIRATOR WHEN CONTAMINANT LEVELS EXCEED THE RECOMMENDED EXPOSURE LIMITS.
 GLOVES/ TYPE..... CHEMICAL RESISTANT GLOVES.
 CLOTHING/TYPE..... WEAR ADEQUATE PROTECTIVE CLOTHES.
 FOOTWEAR/TYPE..... SAFETY BOOTS PER LOCAL REGULATIONS.
 OTHER/TYPE..... EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE AVAILABLE.
 VENTILATION REQUIREMENTS..... LOCAL EXHAUST AT POINTS OF EMISSION.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.
 ODOUR..... HYDROCARBON ODOR.
 COLOUR..... BLACK.
 ODOUR THRESHOLD (ppm)..... NOT AVAILABLE.
 VAPOUR DENSITY (AIR=1)..... > 1.
 VAPOUR PRESSURE (psig)..... 55-60 @ 20C.
 EVAPORATION RATE..... SLOWER THAN N-BUTYL ACETATE.
 BOILING POINT (deg C)..... -18C TO 172C.
 pH..... NOT AVAILABLE.
 SOLUBILITY IN WATER (% W/W)..... NOT SOLUBLE.
 COEFFICIENT OF WATER/OIL NOT AVAILABLE.
 DISTRIBUTION
 SPECIFIC GRAVITY..... 0.93 LIQUID - 0.82 AEROSOL.
 FREEZING POINT (deg C)..... NOT AVAILABLE.
 % VOLATILE BY VOLUME..... APPROX. 90%.
 VOC..... 400 g/L - 3.35 lb/USG.

Section 10: STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION..... HIGH TEMPERATURES .
 STABILITY..... STABLE AT NORMAL TEMPERATURES AND PRESSURES.
 INCOMPATIBILITY..... KEEP AWAY FROM HEAT. INCOMPATIBLE WITH STRONG OXIDIZERS.
 REACTIVITY CONDITIONS..... AVOID HEAT, SPARKS AND FLAME. EXPLOSIVE REACTIONS CAN OCCUR IN THE PRESENCE OF STRONG OXIDIZING AGENTS.
 HAZARDOUS PRODUCTS OF BY FIRE: DENSE BLACK SMOKE. OXIDES OF CARBON (CO,CO2).
 DECOMPOSITION

Section 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMITS..... ACETONE - ACGIH TWA 500 ppm; STEL 750 ppm 15 MINUTES - OSHA PEL TWA 1,000 ppm - NIOSH REL TWA 250 ppm 10 HOURS . METHYL ISOBUTYL KETONE - ACGIH TWA 50 ppm; STEL 75 ppm 15 MINUTES - OSHA PEL TWA 100 ppm - NIOSH REL 50 ppm 10 HOURS; STEL 75 ppm 15 MINUTES. ETHYLBENZENE - TLV 100 ppm STEL 125 ppm 15 MINUTES; PEL 100 ppm; REL 100 ppm. N-BUTYL ACETATE - OSHA PEL 150 ppm TWA - NIOSH REL 150 ppm 10 HOURS; STEL 200 ppm 15 MINUTES. TOLUENE - ACGIH TLV 20 ppm; OSHA PEL TWA 200 ppm; NIOSH TWA REL 100 ppm - STEL (15 MINUTES) 150 ppm. XYLENE - ACGIH TLV TWA 100 ppm - STEL (15 MINUTES) 150 ppm; OSHA PEL TWA 100 ppm .
 IRRITANCY OF MATERIAL..... IRRITANT.
 SENSITIZING CAPABILITY OF MATERIAL..... NONE REPORTED.
 CARCINOGENICITY OF MATERIAL..... IARC HAS CLASSIFIED CARBON BLACK AS "GROUP 2B", POSSIBLY CARCINOGENIC TO HUMANS, BASED ON LABORATORY ANIMAL INHALATION STUDIES. ETHYLBENZENE IS CLASSIFIED AS AN A3 KNOWN ANIMAL CARCINOGEN.
 TERATOGENICITY..... NOT AVAILABLE.
 MUTAGENICITY..... NOT AVAILABLE.
 REPRODUCTIVE EFFECTS..... TOLUENE IS FETOTOXIC IN RATS AND MICE AT MATERNALLY TOXIC LEVELS.
 SYNERGISTIC MATERIALS..... NOT AVAILABLE.

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ENVIRONMENTAL..... DO NOT ALLOW TO ENTER WATERS, WASTEWATER OR SOIL.
BIODEGRADABILITY..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... THIS MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF AS HAZARDOUS WASTE. AVOID RELEASE TO THE ENVIRONMENT. CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE OR EXPOSE TO HEAT, EVEN WHEN EMPTY.

Section 14: TRANSPORT INFORMATION

TDG CLASSIFICATION (ROAD)..... AEROSOLS - CLASS 2.1 - UN1950 - THIS PRODUCT MEETS THE LIMITED QUANTITY EXEMPTION WHEN SHIPPED IN CONTAINERS OF LESS THAN 1 LITRE.
IATA CLASSIFICATION (AIR)..... AERSOLS, FLAMMABLE - UN1950 - CLASS 2.1.
IMDG CLASSIFICATION (MARINE)..... AEROSOLS, FLAMMABLE - UN1950 - CLASS 2.1 - EmS: F-D S-U.
MARINE POLLUTANT..... NO.

Section 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION..... A. B2. D2A. D2B.
CEPA STATUS..... ON DOMESTIC SUBSTANCES LIST (DSL).
OSHA..... THIS PRODUCT IS CONSIDERED HAZARDOUS UNDER THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD.

SARA TITLE III
SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCES NONE.
SECTION 311/312 - HAZARD CATAGORIES IMMEDIATE HEALTH, DELAYED HEALTH, FIRE HAZARD.
SARA SECTION 313..... XYLENE. TOLUENE. ETHYL BENZENE. METHYL ISOBUTYL KETONE.
EPA HAZARDOUS AIR POLLUTANTS XYLENE. TOLUENE. METHYL ISOBUTYL KETONE. ETHYLEBENZENE.
(HAPS) 40CFR63
TSCA INVENTORY STATUS..... ALL COMPONENTS ARE LISTED.
CALIFORNIA PROPOSITION 65..... THIS PRODUCT CONTAINS TOLUENE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE (DEVELOPMENTAL) REPROUCTIVE TOXICITY. THIS PRODUCT CONTAINS CARBON BLACK KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Section 16: OTHER INFORMATION

PREPARED BY: REGULATORY AFFAIRS.
TELEPHONE NUMBER:..... (800) 387-7981.
PREPARATION DATE: Apr14/14