



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

PRODUCT: FUS13BE PRMR CHOIX GRLGRD BGE

Section 01: Chemical product and company identification

Product name..... FUS13BE PRMR CHOIX GRLGRD BGE
 Manufactured for..... Plastique Royal Inc.,
 2809 Rue Etienne-Lenoir
 Laval, QC H7R 6J4
 24 hour emergency number..... IN CANADA CALL CANUTEC (613) 996-6666-IN THE UNITED STATES CALL
 CHEMTREC (800) 424-9300.
 Material use..... Paints.
 Chemical family..... Mixture.
 Preparation date..... March 5, 2014.
 NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.
 HMIS..... H: 2 F: 3 R: 0.

Section 02: Hazards identification



Signal Word..... DANGER.
 Hazard Classification..... Flammable Aerosol 1. Aspiration Toxicity 1. Carcinogen 2. Reproductive 2. STOT RE 2.
 STOT SE 3.
 Hazard Description..... H222 Extremely flammable aerosol . H304 May be fatal if swallowed and enters airways.
 H336 May cause drowsiness or dizziness. H351 This product contains ingredients that are
 suspected of causing cancer. H373 May cause damage to the liver and kidneys through
 prolonged or repeated contact. H361 This product contains ingredients that are suspected
 of damaging fertility or the unborn child.
 Precautionary Statements..... P242 Use only non-sparking tools. P243 Take precautionary measures against static
 discharge. P251 Do not pierce or burn container, even after use. P261 Avoid breathing
 mists, vapours and sprays. P264 Wash thoroughly after handling. P270 Do not eat drink or
 smoke while using this product. P271 Use only outdoors or in a well ventilated area. P273
 Avoid release to the environment. P280 Wear protective gloves and eye protection. P284
 In case of inadequate ventilation wear respiratory protection. P202 Do not handle this
 product until all safety instructions have been read and understood. P210 Keep away from
 heat, sparks, open flames and hot surfaces. No smoking. P211 Do not spray on an open
 flame or other ignition sources. P233 Keep container tightly closed. P235 Keep cool. P240
 Ground and bond container and receiving equipment. P241 Use explosion proof
 equipment.

Section 03: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
ACETIC ACID, TERT-BUTYL ESTER	540-88-5	30-60
TOLUENE	108-88-3	10-30
CALCIUM CARBONATE	1317-65-3	10-30
SOLVENT NAPHTHA, HEAVY ALIPHATIC	64742-96-7	1-5
TITANIUM DIOXIDE	13463-67-7	0.1-1.0
QUARTZ	14808-60-7	0.1-1.0

Section 04: First aid measures

Eye contact..... In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at
 least 15 minutes. Obtain medical attention.
 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.

PRODUCT: FUS13BE PRMR CHOIX GRLGRD BGE**Section 04: First aid measures**

Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.
Additional information.....	Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

Section 05: Fire fighting measures

Extinguishing media.....	"Alcohol" foam, CO2, dry chemical.
Hazardous combustion products.....	Oxides of carbon (CO, CO2). Oxides of nitrogen.
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. Solvent vapours may be heavier than air and may build up and travel along the ground to an ignition source, which may result in a flash back to the source of the vapours. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Heat will cause pressure buildup and may cause explosive rupture.

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, state, 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%).
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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.
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

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
ACETIC ACID, TERT-BUTYL ESTER	200 ppm	Not established	200 ppm	Not established	200 ppm
	200 ppm				
TOLUENE	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm
	50 ppm				
CALCIUM CARBONATE	No data	No data	5 mg/m3	No data	5 mg/m3
	No data				
SOLVENT NAPHTHA, HEAVY ALIPHATIC	No data	No data	No data	No data	No data
	No data				
TITANIUM DIOXIDE	10 mg/m3	No data	15 mg/m3	No data	No data
	10 mg/m3				
QUARTZ	0.025 mg/m3	No data	No data	No data	0.05 mg/m3
	No data				
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.				

PRODUCT: FUS13BE PRMR CHOIX GRLGRD BGE**Section 08: Exposure controls / personal protection**

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..... Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation. .

Exposure limits

Section 09: Physical and chemical properties

Physical state..... Aerosol.
 Colour..... Beige.
 Odour..... Solvent odour.
 Odour threshold (ppm)..... No data.
 Vapour pressure (mm Hg)..... No data.
 Vapour density (air=1)..... No data.
 pH..... No data.
 Specific gravity..... 8.453 lb/usg - 1012.9 g/l.
 Freezing point (deg C)..... No data.
 Solubility..... No data.
 Boiling point (deg C)..... 110°C.
 Evaporation rate..... No data.
 Flash point (deg C), method..... Liquid: 4; aerosol: -105.
 Auto ignition temperature (deg C)..... > 232.
 Upper flammable limit (% vol)..... 6.7.
 Lower flammable limit (% vol)..... 0.88%.
 Coefficient of water/oil distribution..... No data.
 VOC..... 208.5 g/l - 1.74 lb/usg.
 Viscosity..... 6900 cps spindle #4.

Section 10: Stability and reactivity

Stability..... Stable at normal temperatures and pressures.
 Reactivity conditions..... Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
 Incompatibility..... Keep away from heat. Incompatible with strong oxidizers.
 Hazardous products of decomposition..... By fire: Dense black smoke. Oxides of nitrogen. Oxides of carbon (CO,CO2).
 Hazardous polymerization..... Hazardous polymerization will not occur.

Section 11: Toxicological information

Ingredients	LC50	LD50
ACETIC ACID, TERT-BUTYL ESTER	>2,230 mg/m3 4 hours rat	4,100 mg/kg rat oral >2,000 mg/kg rabbit dermal
TOLUENE	8000 ppm rat inhalation	5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal
CALCIUM CARBONATE	No data	6450 mg/kg rat oral
SOLVENT NAPHTHA, HEAVY ALIPHATIC	>6 mg/L 4 hours rat	>2,000 mg/kg oral rat >2,000 mg/kg dermal rabbit
TITANIUM DIOXIDE	No data	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
QUARTZ	No data	No data
Route of entry	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Contact with eyes may cause irritation. May cause skin irritation. Inhalation of high vapour may cause central nervous system effects, dizziness, headache, nausea, or loss of coordination.	
Effects of chronic exposure.....	Chronic exposure to organic solvent vapours 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.	
Carcinogenicity of material.....	Quartz (Crystalline Silica) is a suspect carcinogen per IARC and NTP. Toluene diisocyanate has caused cancer in certain laboratory animal tests. IARC has classified Titanium Dioxide as a group 2B carcinogen.	

PRODUCT: FUS13BE PRMR CHOIX GRLGRD BGE**Section 11: Toxicological information**

Reproductive effects..... Toluene is fetotoxic in rats and mice at maternally toxic levels. Prolonged and repeated exposure of pregnant animals (>1500 ppm) to Toluene have been reported to cause adverse fetal developmental effects.

Toxicological Data

Section 12: Ecological information

Environmental..... Do not allow to enter waters, waste water or soil.

Biodegradability..... No data.

Section 13: Disposal considerations

Waste disposal..... Empty containers must be handled with care due to product residue. This material and its container must be disposed of as hazardous waste. Avoid release to the environment.

Section 14: Transport information

TDG Classification (Road)..... UN1950 - AEROSOLS, flammable - Class 2.1 - This product meets limited quantity exemption when shipped in containers less than 1 Litre.

IATA Classification (Air)..... UN1950 -Aerosols - Class 2.1.

IMDG Classification (Marine)..... UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity.

Marine Pollutant..... No.

Section 15: Regulatory information

WHMIS classification..... A. B2. D2A. D2B.

CEPA status..... On Domestic Substances List (DSL).

Section 313..... Toluene.

OSHA..... This product is considered hazardous under the OSHA Hazard Communication Standard.

SARA Title III

Section 302 - extremely hazardous substances None.

Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.

EPA hazardous air pollutants (HAPS) Toluene.

40CFR63

TSCA inventory status..... All components are listed.

California Proposition 65..... This product contains Toluene known to the State of California to cause (developmental) reproductive toxicity. California is in the process of listing Titanium Dioxide to Proposition 65 as a known carcinogen. This product contains Crystalline Silica (Quartz) known to the State of California to cause cancer.

Section 16: Other information

Prepared by: REGULATORY AFFAIRS.

Telephone number:..... (800) 387-7981.

Disclaimer:..... DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

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