



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

PRODUCT: R1600C Premium Lightweight Filler

SECTION 01: IDENTIFICATION

Initial supplier identifier..... Plastique Royal Inc.,
2809 Rue Etienne-Lenoir
Laval, QC H7R 6J4
Product identifier..... R1600C Premium Lightweight Filler
Recommended use and restrictions on .. Automotive. This product should not be used for any other purpose other than the ones
use described in this section.
Chemical family..... Mixture.
NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.
HMIS..... H: 2 F: 3 R: 0.
24 hour emergency number:..... For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC);
IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.
** For medical emergencies contact your local poison control centre **.

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.
Hazard Classification..... Flammable Liquid 3. Aspiration Toxicity 1. Skin Sensitizer — Category 1. Eye Irritant 2. Acute Toxicity 4. Respiratory Sensitizer — Category 1. Carcinogen 1A. Specific Target Organ Toxicity — Repeated Exposure — Category 1.
Hazard Description..... H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H350 This product contains ingredients that may cause cancer. H372 Causes damage to the liver and kidneys through prolonged or repeated exposure.
Prevention..... P201 Obtain special instructions before use. 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. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P280 Wear protective gloves and eye protection. P272 Contaminated work clothing should not be allowed out of the workplace. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P284 In case of inadequate ventilation wear respiratory protection. P260 Do not breathe the mist, vapours, or spray. P270 Do not eat drink or smoke while using this product.
Response P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P302 + P352 - If on skin: wash with plenty of water. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS. P362 + P364 - Take off contaminated clothing and wash before reuse. P305 + P351 + P338 If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing until medical help arrives. P337 + P313 - If eye irritation persists get medical attention. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P342 + P311 If experiencing respiratory symptoms; call poison center or doctor. P308 + P313 If exposed or concerned, get medical advice/attention.
Storage..... P403 + P235 Store in well ventilated area. Keep cool. P405 Store locked up.
Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

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SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS		
CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Talc	14807-96-6	15-40
Styrene	100-42-5	10-20
Calcium Carbonate	1317-65-3	7-13
C.I. Pigment Yellow 53	8007-18-9	1-3
Titanium Dioxide	13463-67-7	0.1-1
Crystalline silica	14808-60-7	0.1-1
2-Phenoxyethanol	122-99-6	0.1-1
Tetrahydrophthalic acid anhydride	85-43-8	0.1-1
Silica, Amorphous	7631-86-9	0.1-1

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.
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. 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

Suitable and unsuitable extinguishing media	"Alcohol" foam, CO2, dry chemical.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO2). By fire: protect against potentially toxic and irritating fumes.
Special protective equipment and precautions for fire-fighters	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. 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.

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

Precautions for safe handling.....	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.
Conditions for safe storage, including any incompatibilities	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.

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SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	NIOSH REL
Talc	2 mg/m3	Not established	2 mg/m3 TWA	Not established	Not established
	CA ON: 2mg/kg (TWA)				
Styrene	20 ppm	40 ppm	100 ppm	Not established	100 ppm
	CA ON: 35ppm (TWA), 100ppm (STEL)				
Calcium Carbonate	Not established	Not established	5 mg/m3	Not established	5 mg/m3
C.I. Pigment Yellow 53	0.2 mg/m3 (as Ni)	No data	0.5 mg/m3 (as Sb)	No data	No data
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established	Not established
	CA ON: 10 mg/m3 (TWA)				
Crystalline silica	Not Established	Not Established	Not Established	Not Established	Not Established
	CA ON: 0.10 mg/m3 (Resp) TWA				
2-Phenoxyethanol	No data	No data	No data	No data	No data
	No data				
Tetrahydrophthalic acid anhydride	Not established	Not established	Not established	Not established	Not established
Silica, Amorphous	Not established	Not established	Not established	Not established	Not established
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.				
Appropriate engineering controls.....	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.				

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Paste.
Colour.....	Yellow.
Odour.....	Hydrocarbon odour.
Odour threshold (ppm).....	0.15-25 ppm (Styrene).
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	3.6 (Styrene).
pH.....	Not applicable.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Slightly soluble in water.
Initial boiling point / boiling range (deg C).	145°C.
Relative Density (Specific Gravity).....	1.062 - 8.86 lbs/USG .
Evaporation rate.....	Not available.
Flash point (deg C), method.....	31. (estimated).
Auto ignition temperature (deg C).....	490°C.
Upper flammable limit (% vol).....	9.0.
Lower flammable limit (% vol).....	0.9.
Partition coefficient — n-octanol/water.....	Not available.
VOC (less water).....	0.5 lb/USG.
Viscosity.....	162,000 cps @ 10 rpm spindle D.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Conditions to avoid, including static	Keep away from heat. Incompatible with strong oxidizers.
discharge, shock or vibration	
Hazardous decomposition products.....	See hazardous combustion products section 5.
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.

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SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Talc	Not available	Not available
Styrene	2770 ppm 4 hr rat	5000 mg/kg rat oral
Calcium Carbonate	Not available	6450 mg/kg rat oral
C.I. Pigment Yellow 53	No data	No data
Titanium Dioxide	>6.8 mg/L (4 hr)	> 10,000 mg/kg (rat, oral) > 10,000 mg/kg (rabbit, dermal)
Crystalline silica	Not Available	Not Available
2-Phenoxyethanol	No data	1260 mg/kg Oral Rat
Tetrahydrophthalic acid anhydride	No data	5410 mg/kg rat oral
Silica, Amorphous	Not Available	3160 mg/kg rat oral
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and throat. In high concentration, they may cause central nervous system depression and narcosis characterized by nausea, lightheadedness and dizziness from overexposure by inhalation.	
Effects of chronic exposure.....	Prolonged or repeated exposure may lead to allergic skin reactions. Prolonged or repeated exposure may result in an allergic respiratory reaction in sensitive individuals. May cause damage to the respiratory system, lungs, eyes, skin and central nervous system. Prolonged or repeated exposure may lead to kidney or central nervous system symptoms. This product contains crystalline silica. Excessive long-term exposure to crystalline silica may cause silicosis, a form of disabling, progressive and sometimes fatal fibrotic lung disease. Severe and permanent lung damage may result. Prolonged overexposure to crystalline silica (quartz) dust can cause fibrotic lung damage.	
Carcinogenicity of material.....	Titanium dioxide is known to the state of California to cause cancer and developmental effects. Styrene is classified by IARC as a Group 2B carcinogen. IARC has determined that Antimony Trioxide (Pigment CI yellow 53) is a Class 2B carcinogen. Nickel and certain nickel compounds are listed as suspect human carcinogens by IARC and NTP.	
Reproductive effects.....	None known.	

SECTION 12: ECOLOGICAL INFORMATION

Environmental.....	Do not allow to enter waters, waste water or soil.
Persistence and degradability.....	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	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. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.
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SECTION 14: TRANSPORT INFORMATION

TDG Classification.....	UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - This product meets the criterial for Limited Quantity Exemptions when packaged in containers less than 5 litres . 49CFR173.150 provides an exception to the requirements of subsection 172.101 flammable liquids in Packing Group III and combustible liquids, inner packagings not over 5.0 L (1.3 gallons) net capacity each, packed in a strong outer packaging. Otherwise this product is classified as UN3269 - Polyester Resin Kit- Class 3 - Packing Group III .
DOT Classification (Road).....	
IATA Classification (Air).....	UN3269 - Polyester Resin Kit - Class 3 - Packing Group III.
IMDG Classification (Marine).....	UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - EmS: F-E S-D.
Marine Pollutant.....	No.
Proof of Classification.....	In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

SECTION 15: REGULATORY INFORMATION

CEPA status.....	A component of this product is not on the NDSL.
TSCA inventory status.....	All components are listed.
OSHA.....	This product is considered hazardous under the OSHA Hazard Communication Standard.
SARA Title III	
Section 302 - extremely hazardous substances	None.

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SECTION 15: REGULATORY INFORMATION

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

Section 313..... Styrene. Nickle compounds.

EPA hazardous air pollutants (HAPS) Styrene.

40CFR63

California Proposition 65..... *WARNING: This product contains a chemical known to the State of California to cause cancer. (Styrene). (Titanium dioxide - airborne, unbound particles of respirable size). (Silica, crystalline (airborne particles of respirable size). (Nickel compounds).

SECTION 16: OTHER INFORMATION

Prepared by: REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.

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.

Date of the latest revision of the safety .. 2016-12-09

data sheet