



Pro Form Products Ltd.  
604 McGeachie Drive  
Milton, Ontario, L9T 3Y5  
Canada  
905-878-4990

**PRODUCT: RF 7004 RUBBERIZED UNDERCOAT**

**Section 01: Chemical product and company identification**

Product name..... RF 7004 RUBBERIZED UNDERCOAT  
 Manufactured for..... RUSFRE  
 604 McGeachie Drive  
 Milton  
 Ontario  
 L9T 3Y5  
 24 hour emergency number..... IN CANADA CALL CANUTEC (613) 996-6666-IN THE UNITED STATES CALL  
 CHEMTREC (800) 424-9300.  
 Material use..... Paints. This product should not be used for any other purpose other than the ones  
 described in this section.  
 Chemical family..... Mixture.  
 Preparation date..... March 25, 2015.  
 Hazard rate  
 NFPA rating..... Health: 2 Fire: 4 Reactivity: 0.  
 HMIS..... H: 2 F: 4 R: 0.

**Section 02: Hazards identification**



Signal Word..... DANGER.  
 Hazard Classification..... Flammable Aerosol 1. Gas under pressure: Compressed Gas. Aspiration Toxicity 1. Skin  
 Irritant 2. STOT SE 3. Carcinogen 2. Reproductive 2. STOT RE 2.  
 Hazard Description..... H222 Extremely flammable aerosol . H280 Contains gas under pressure; may explode if  
 heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation.  
 H336 May cause drowsiness or dizziness. H351 This product contains ingredients that are  
 suspected of causing cancer. H361 This product contains ingredients that are suspected of  
 damaging fertility or the unborn child. H373 May cause damage to the liver and kidneys  
 through prolonged or repeated contact.  
 Precautionary Statements..... 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. P211 Do not spray on an open flame or other  
 ignition sources. P251 Do not pierce or burn container, even after use. P260 Do not  
 breathe mist, vapours, or spray. P271 Use only outdoors or in a well ventilated area. P264  
 Wash hands thoroughly after handling. P280 Wear protective gloves and eye protection.  
 Response ..... P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and  
 follow instructions provided by the centre. P302 + P352 - If on skin: wash with plenty of  
 water. . P304 + P340 - If inhaled remove person to fresh air and keep comfortable for  
 breathing. P308 + P313 If exposed or concerned, get medical advice/attention. P312 Call a  
 POISON CENTER/doctor if you feel unwell. P314 - Get medical advice/attention if you feel  
 unwell. P321 - Consult with a doctor or poison control centre if skin is itchy or a skin rash  
 develops or you feel unwell. P331 Do NOT induce vomiting. P332 + P313 - If skin irritation  
 occurs get medical attention or advice. P362 + P364 - Take off contaminated clothing and  
 wash before reuse.  
 Storage..... P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store  
 locked up. P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C  
 / 122°F.  
 Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

**Section 03: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients	CAS #	Wt. %
CALCIUM CARBONATE	1317-65-3	15-40
TOLUENE	108-88-3	10-30
PROPANE	74-98-6	7-13
MINERAL SPIRITS	8052-41-3	7-13

**PRODUCT: RF 7004 RUBBERIZED UNDERCOAT****Section 03: COMPOSITION/INFORMATION ON INGREDIENTS**

ROSIN NON HAZARDOUS	PROPRIETARY	5-10
ACETIC ACID, TERT-BUTYL ESTER	540-88-5	5-10
ISOBUTANE	75-28-5	1-5
BENTONE	68953-58-2	1-5
XYLENE	1330-20-7	0.1-1.0
CARBON BLACK	1333-86-4	0.1-1.0
ETHYLBENZENE	100-41-4	0.1-1.0
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	108-65-6	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.
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**

Extinguishing media.....	"Alcohol" foam, CO <sub>2</sub> , dry chemical. During a fire, isocyanate vapors and other irritating, highly toxic gases may be generated by thermal decomposition or combustion. Use cold water spray to cool exposed containers to minimize risk of rupture .
Hazardous combustion products.....	Oxides of carbon (CO, CO <sub>2</sub> ). 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	ACGIH TLV		PEL	OSHA PEL		REL	NIOSH
	TWA	STEL		STEL	STEL		
CALCIUM CARBONATE	No data	No data	5 mg/m <sup>3</sup>	No data	No data	5 mg/m <sup>3</sup>	
	No data						

## PRODUCT: RF 7004 RUBBERIZED UNDERCOAT

## Section 08: Exposure controls / personal protection

Ingredients	ACGIH TLV		PEL	OSHA PEL		REL	NIOSH
	TWA	STEL		STEL	STEL		
TOLUENE	20 ppm	Not established	200 ppm	500 ppm	10 minutes	100 ppm / STEL 150 ppm	
PROPANE	1,000 ppm No data	Not established	1,000 ppm	Not established		1,000 ppm	
MINERAL SPIRITS	525 mg/m3 100 ppm	No data	No data	No data		No data	
ROSIN NON HAZARDOUS	Not established	Not established	Not established	Not established		Not established	
	NOT ESTABLISHED						
ACETIC ACID, TERT-BUTYL ESTER	200 ppm 200 ppm	Not established	200 ppm	Not established		200 ppm	
ISOBUTANE	Not established No data	Not established	Not established	Not established		800 ppm	
BENTONE	No data No data	No data	No data	No data		No data	
XYLENE	100 ppm	150 ppm	100 ppm	Not established		Not established	
CARBON BLACK	3.5 mg/m3 No data	Not established	3.5 mg/m3	Not established		3.5 mg/m3	
ETHYLBENZENE	100 ppm 25 PPM	125 ppm	100 ppm	No data		100 ppm / STEL 125 ppm	
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	Not established	Not established	Not established	Not established		Not established	
Protective equipment	Liquid chemical goggles.						
Eye/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.						
Respiratory/type.....	Chemical resistant gloves.						
Gloves/ type.....	Wear adequate protective clothes.						
Clothing/type.....	Safety boots per local regulations.						
Footwear/type.....	Emergency showers and eye wash stations should be available.						
Other/type.....	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. .						
Ventilation requirements.....							
Exposure limits							

## Section 09: Physical and chemical properties

Physical state.....	Aerosol.
Colour.....	Black.
Odour.....	Solvent odour.
Odour threshold (ppm).....	No data.
Vapour pressure (mm Hg).....	50-75 psig @ 21°C.
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Specific gravity.....	0.990-1.200.
Density.....	0.99 g/mL (8.26 lb/usg) - 1.20 g/mL (10.01 lb/usg).
Freezing point (deg C).....	-40°C.
Solubility.....	Slightly soluble in water.
Boiling point (deg C).....	98°C .
Evaporation rate.....	Greater than n-butyl acetate.
Flash point (deg C), method.....	-4.0°C Closed Cup.
Auto ignition temperature (deg C).....	> 460.
Upper flammable limit (% vol).....	7.
Lower flammable limit (% vol).....	1.2.

**PRODUCT: RF 7004 RUBBERIZED UNDERCOAT****Section 09: Physical and chemical properties**

Coefficient of water/oil distribution..... No data.  
 % Volatile by volume..... Not available.  
 VOC..... 2.68 lb/usg - 321 g/L.  
 Viscosity..... 6920 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
CALCIUM CARBONATE	No data	6450 mg/kg rat oral
TOLUENE	8000 ppm rat inhalation	5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal
PROPANE	>1,464 mg/L 15 minutes rat	No data
MINERAL SPIRITS	No data	No data
ROSIN NON HAZARDOUS	Not available	Not available
ACETIC ACID, TERT-BUTYL ESTER	>2,230 mg/m3 4 hours rat	4,100 mg/kg rat oral >2,000 mg/kg rabbit dermal
ISOBUTANE	52 mg/L 1 hour mouse	No data
BENTONE	No data	No data
XYLENE	6350 ppm 4 hours rat	>3523 mg/kg rat oral
CARBON BLACK	No data	>8,000 mg/kg oral (rat)
ETHYLBENZENE	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE	No data	8,532 mg/kg rat oral >5,000 mg/kg rabbit dermal

Route of entry ..... 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..... Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal .  
 Skin contact..... Can cause moderate irritation, defatting and dermatitis.  
 Skin absorption..... Chronic skin exposure to solvents may cause effects similar to those identified under chronic inhalation.  
 Eye contact..... Can cause redness, irritation, tissue destruction.  
 Inhalation (acute)..... Solvent vapours may be irritating to the eyes, nose and throat, resulting in redness, burning and itching of eyes, dryness of the throat and tightness in the chest. Breathing of high vapour concentrations may cause anesthetic effects and serious health effects.  
 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. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, nausea and asphyxiation.  
 Ingestion..... Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. May be harmful or fatal if swallowed.  
 Carcinogenicity of material..... Ethylbenzene is known to the state of California to cause cancer and developmental effects. Carbon black is known to the State of California to cause cancer and developmental effects.  
 Reproductive effects..... Toluene is known by the State of California to cause adverse fetal developmental effects.  
 Toxicological Data

**PRODUCT: RF 7004 RUBBERIZED UNDERCOAT****Section 12: Ecological information**

Environmental..... Do not allow to enter waters, waste water or soil.  
 Biodegradability..... No data.

**Section 13: Disposal considerations**

Waste disposal..... Contents under pressure. Do not puncture, incinerate or expose to heat, even when empty. 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.

**Section 14: Transport information**

TDG Classification..... UN1950 - AEROSOLS, flammable - Class 2.1 - This product meets limited quantity exemption when shipped in containers less than 1 Litre.  
 DOT Classification (Road)..... UN1950 - AEROSOLS, flammable - Class 2.1 - Ltd Qty (1 Liter/0.26 Gallons).  
 IATA Classification (Air)..... UN1950 - AEROSOLS, flammable - Class 2.1 - Limited Quantity.  
 IMDG Classification (Marine)..... UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity.  
 Marine Pollutant..... Potential marine pollutant.  
 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**

WHMIS classification..... A. B5. D2A. D2B.  
 CEPA status..... On Domestic Substances List (DSL).  
 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.  
 Section 313..... Toluene. Ethylbenzene. Xylene.  
 EPA hazardous air pollutants (HAPS) ..... Toluene. Ethylbenzene. Xylene.  
 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. This product contains Carbon Black known to the State of California to cause cancer. This product contains Ethylbenzene that is 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.  
 Preparation date: ..... Mar25/15