



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

PRODUCT: PF 701 NON PAINTABLE RUBBERIZED UNDERCOAT

SECTION 01: Chemical product and company identification

Manufactured for..... Pro Form Products Ltd.
604 McGeachie Drive
Milton, Ontario L9T3Y5
Tel (905) 878-4990 Fax (905) 878-1189

Product name..... PF 701 NON PAINTABLE RUBBERIZED UNDERCOAT

Recommended use and restrictions on use Rust proofing.

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 2 Reactivity: 0.

HMIS..... H: 2 F: 2 R: 0.

24 hour emergency number:..... IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES
CALL CHEMTREC 1-800-424-9300. .

SECTION 02: Hazards identification



Signal Word..... DANGER.

Hazard Classification..... Flammable Liquid 3. Acute Toxicity (Oral) — Category 4. Aspiration Toxicity 1. Skin Irritant 2. Eye Irritation — Category 2A. Specific Target Organ Toxicity — Single Exposure — Category 3. (respiratory system). (narcotic effects). Reproductive Toxicity — 1. Specific Target Organ Toxicity — Repeated Exposure — Category 2.

Hazard Description..... H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H360 May damage fertility or the unborn child. H373 May cause damage to organs 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. P260 Do not breathe the mist, vapours, or spray. 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. P280 Wear protective gloves and eye protection.

Response P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P330 Rinse mouth. P331 Do NOT induce vomiting. P302 + P352 - If on skin: wash with plenty of water. P362 + P364 - Take off contaminated clothing and wash before reuse. P332 + P313 - If skin irritation occurs get medical attention or advice. 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. P308 + P313 If exposed or concerned, get medical advice/attention. P312 Call a POISON CENTER/doctor if you feel unwell.

Storage..... P235 Keep cool. P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up.

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

Note This product mixture has been classified based on its ingredients.

PRODUCT: PF 701 NON PAINTABLE RUBBERIZED UNDERCOAT**SECTION 03: Composition/Information on Ingredients**

HAZARDOUS INGREDIENTS	CAS #	WT. %
Asphalt	8052-42-4	70-80
Methanol	67-56-1	>1
1-Methoxy-2-propanol	107-98-2	>1
Acetone	67-64-1	>1
N-Butyl Acetate	123-86-4	>1
Ethyl Acetate	141-78-6	>1
Isopropyl Alcohol	67-63-0	>1
Toluene	108-88-3	>1
Xylene	1330-20-7	>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. Do not induce vomiting. 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.
Most important symptoms and effects, whether acute or delayed	Harmful if swallowed, in contact with skin or if inhaled. Causes skin and eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. May cause respiratory irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. This product contains ingredients that are suspected of damaging fertility or the unborn child. Methyl alcohol: The intoxication begins with central nervous system depression resulting in narcosis, followed by an asymptomatic latency period that usually lasts 12 to 24 hours. Metabolic acidosis sets in and symptoms such as headache, dizziness, nausea and vomiting appear. This is followed, in more serious cases, by abdominal and muscular pains as well as breathing difficulties. There are also disorders such as blurred vision, photophobia, impaired pupillary reflex and eye pain.
Additional information.....	Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. 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, CO ₂ , dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet.
Hazardous combustion products.....	Oxides of carbon (CO, CO ₂). Hydrocarbon fumes and smoke.
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. 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. Keep run-off water from entering sewers and other waterways. Dike for water control.

SECTION 06: Accidental release measures

Leak/spill.....	Keep away from heat, sparks and flames. Ventilate. Eliminate all sources of ignition. Evacuate all non-essential personnel. Contain the spill. Avoid all personal contact. Prevent runoff into drains, sewers, and other waterways. Absorb with an inert dry material and place in an appropriate waste container. 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.
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PRODUCT: PF 701 NON PAINTABLE RUBBERIZED UNDERCOAT**SECTION 07: Handling and storage**

Handling procedures..... Keep away from heat, sparks, and open flame. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Handle and open container with care. Employees should wash hands and face before eating or drinking.

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		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	
Asphalt	0.5 mg/cu m (Inhalable fraction) 8hr	Not established	Not established	Not established	5 mg/m ³ 15 minutes
Methanol	200 ppm	250 ppm skin	200 ppm	Not established	200 ppm / STEL 250 ppm
1-Methoxy-2-propanol	No data 150 PPM	No data	No data	No data	No data
Acetone	500 ppm	750 ppm	1,000 ppm	Not established	250 ppm
N-Butyl Acetate	150 ppm	200 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
Ethyl Acetate	400 ppm	Not established	400 ppm	Not established	400 ppm
Isopropyl Alcohol	200 ppm	400 ppm	400 ppm (TWA)	500 ppm	400 ppm
Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.				
Eye/type.....	Liquid chemical goggles. Chemical safety goggles and full faceshield if a splash hazard exists.				
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

Physical state..... Liquid.

Colour..... Black.

Odour..... Hydrocarbon odour. Mild.

Odour threshold (ppm)..... No data.

Vapour pressure (mm Hg)..... 2 mm Hg @ 20C.

Vapour density (air=1)..... 4.9.

pH..... No data.

Density..... 8.5 - 9 lbs/USG.

Melting / Freezing point (deg C)..... Not Available.

Solubility..... No data.

Initial boiling point / boiling range (deg C). 157 - 287 °C.

Evaporation rate..... No data.

Flash point (deg C), method..... 40.5. (Closed Cup).

Auto ignition temperature (deg C)..... 232°C (450°F).

Upper flammable limit (% vol)..... No data.

Lower flammable limit (% vol)..... No data.

Coefficient of water/oil distribution..... Not available.

VOC..... No data.

Decomposition temperature..... Not available.

Viscosity..... 6000 - 7000 cPs.

PRODUCT: PF 701 NON PAINTABLE RUBBERIZED UNDERCOAT**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.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.
Conditions to avoid.....	Keep away from heat. Incompatible with strong oxidizers.
Hazardous decomposition products.....	Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

SECTION 11: Toxicological information

INGREDIENTS	LC50	LD50
Asphalt	>94.4 mg/cu m 4.5hr rat	>5000 mg/kg rat oral >2000 mg/kg rabbit dermal
Methanol	128.2 mg/L, 4h rat	420 mg/m ³ oral, 5,628 mg/kg rat oral, 15,800 mg/kg rabbit dermal
1-Methoxy-2-propanol	15000 PPM/ 4 HR RAT	5200 MG/KG rat oral
Acetone	50,100 mg/m ³ 8 hours rat inhalation	5,800 mg/kg rat oral
N-Butyl Acetate	>29.2 mg/L 4 hour rat >23.4 mg/L aerosol 4 hour rat	>3200 mg/kg rat oral >5000 mg/kg rabbit dermal
Ethyl Acetate	16,000 ppm 6 hours rat	5,600 mg/kg rat oral
Isopropyl Alcohol	16,000 ppm 8 hours rat	5,000 mg/kg rat oral. 12,800 mg/kg rabbit dermal
Toluene	8000 ppm rat inhalation 400 ppm mouse inhalation 24hr	5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Hazardous in contact with skin, by ingestion, and by inhalation. Irritating to eyes, skin and respiratory system. Excessive vapours may cause nasal and respiratory tract irritation. May cause central nervous system effects such as headache, nausea, vomiting and weakness.	
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Chronic exposure to organic solvents may cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.	
Carcinogenicity of material.....	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC or ACGIH.	
Reproductive effects.....	Methanol is listed on California's Proposition 65 as causing developmental toxicity. Methanol is teratogenic and embryotoxic in animals. High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. The relevance of this to humans is not known.	
Specific Target Organ Toxicity	May cause drowsiness or dizziness. May cause respiratory irritation. Causes damage to organs through prolonged or repeated exposure .	

SECTION 12: Ecological information

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

SECTION 13: Disposal considerations

Waste disposal.....	Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations. Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations.
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SECTION 14: Transport information

TDG Classification.....	UN1999 - Tars, Liquid - Class 3 - Packing Group III - This product meets limited quantity exemption when shipped in containers less than 5 Litres.
DOT Classification (Road).....	UN1999 - Tars, Liquid - Class 3 - Packing Group III - Ltd Qty (5 Liters/1.3 Gallons). Refer to 49CFR 172.101 for additional non-bulk packaging requirements.
IATA Classification (Air).....	UN1999 - Tars, liquid - Class 3 - Packing Group III . Limited Quantity. Do not ship by air without checking appropriate IATA regulations.

PRODUCT: PF 701 NON PAINTABLE RUBBERIZED UNDERCOAT**SECTION 14: Transport information**

IMDG Classification (Marine)..... UN1999 - Tars, Liquid - Class 3 - Packing Group III - EmS: F-E S-E. Limited Quantity. Check IMDG regulations for limited quantity exemptions.
 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

CEPA status..... On Domestic Substances List (DSL).
 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 None.
 substances
 Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.
 Section 313..... Isopropyl alcohol. Methanol. Toluene. Xylene.
 EPA hazardous air pollutants (HAPS) Methanol. Toluene. Xylene.
 40CFR63
 California Proposition 65..... *WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. (Methanol). (Toluene).

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.
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