



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

PRODUCT: PF520 FIL-N-FLEX TRIM AND BUMPER PRIMER (GRAY)

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..... PF520 FIL-N-FLEX TRIM AND BUMPER PRIMER (GRAY)

Recommended use and restrictions on use Paints.

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 4 Reactivity: 0.

HMIS..... H: 2 F: 4 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 Aerosols — Category 1. Gases Under Pressure: Liquefied Gas.
Carcinogenicity — Category 1. Reproductive Toxicity — Category 2. Specific Target
Organ Toxicity — Repeated Exposure — Category 1.

Hazard Description..... H222 Extremely flammable aerosol . H229 Pressurized container: may burst if heated.
H280 Contains gas under pressure; may explode if heated. H350 This product contains
ingredients that may cause cancer. H361 This product contains ingredients that are
suspected of damaging fertility or the unborn child. H372 Causes 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. 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. P264 Wash thoroughly after handling. P270 Do not eat
drink or smoke while using this product. P280 Wear protective gloves and eye protection.

Response P308 + P313 If exposed or concerned, get medical advice/attention.

Storage..... P403 Store in a well ventilated area. 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.

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

SECTION 03: Composition/Information on Ingredients

HAZARDOUS INGREDIENTS	CAS #	WT. %
Isobutyl Acetate	110-19-0	30-60
Propane	74-98-6	10-30
Isobutane	75-28-5	7-13
Titanium Dioxide	13463-67-7	7-13
Talc	14807-96-6	5-10
Xylene	1330-20-7	1-5
2-Propanol, 1-methoxy-, acetate	108-65-6	0.5-1.5
Carbon Black	1333-86-4	0.1-1
Ethylbenzene	100-41-4	0.1-1
Toluene	108-88-3	0.1-1

PRODUCT: PF520 FIL-N-FLEX TRIM AND BUMPER PRIMER (GRAY)**SECTION 03: Composition/Information on Ingredients**

Crystalline Silica

14808-60-7

< 0.1

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. Consult a physician if irritation continues.
Skin contact.....	Immediately remove all contaminated clothing; flush skin with water for at least 15 minutes. 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 swallowed, do not induce vomiting. Give large quantity of water. Call a physician immediately. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs.
Most important symptoms and effects, whether acute or delayed	Harmful if swallowed, in contact with skin or if inhaled. May cause mild skin irritation. May cause eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. May cause respiratory irritation. This product contains ingredients that may cause cancer.
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.....	Extremely flammable aerosol. 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.....	Ventilate. Eliminate all sources of ignition. Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Stop leak if safe to do so. Contain the spill. Cover spill with absorbent material and place in appropriate containers. Spill area can be washed with water. Collect wash water for approved disposal. Use non-sparking tools and equipment to pick up the spilled material. 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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SECTION 07: Handling and storage

Handling procedures.....	Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. 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 breathing vapours or mist. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Employees should wash hands and face before eating or drinking.
Storage needs.....	Do not store above 50 deg C. Store in a cool, dry and well ventilated area. 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
Isobutyl Acetate	150 ppm	Not established	150 ppm	Not established	150 ppm	
Propane	1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm	

PRODUCT: PF520 FIL-N-FLEX TRIM AND BUMPER PRIMER (GRAY)**SECTION 08: Exposure controls / personal protection**

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	
Isobutane	Not established	Not established	Not established	Not established	800 ppm
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established	Not established
Talc	2 mg/m3	Not established	2 mg/m3 TWA	3 mg/m3 - QUE	Not established
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
2-Propanol, 1-methoxy-, acetate	50 ppm	75 ppm	Not established	Not established	Not established
Carbon Black	3.5 mg/m3	Not established	3.5 mg/m3	Not established	3.5 mg/m3
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm
Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm
Crystalline Silica	0.025 mg/m3	Not established	0.1 mg/m3 TWA	Not established	0.05 mg/m3
Protective equipment	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Be sure to use NIOSH approved respirator or equipment. Do not exceed the use limits of the respirator.				
Respiratory/type.....	Chemical safety goggles. Chemical safety goggles and full faceshield if a splash hazard exists.				
Eye/type.....	Chemical resistant gloves.				
Gloves/ type.....	Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure.				
Clothing/type.....	Safety boots per local regulations.				
Footwear/type.....	Eye wash facility and emergency shower should be in close proximity.				
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. . Explosion-proof exhaust ventilation.				
Appropriate engineering controls.....					

SECTION 09: Physical and chemical properties

Physical state.....	Aerosol.
Colour.....	Medium grey.
Odour.....	Hydrocarbon odour.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	No data.
pH.....	No data.
Relative Density (Specific Gravity).....	1.096. (Liquid). 0.977. (Aerosol).
Melting / Freezing point (deg C).....	Not Available.
Solubility.....	Insoluble in water.
Initial boiling point / boiling range (deg C).....	> 100° C. (Liquid).
Evaporation rate.....	Not available.
Flash point (deg C), method.....	16.7. (liquid).
Auto ignition temperature (deg C).....	460 °C (propellant) .
Upper flammable limit (% vol).....	9.5. (propellant).
Lower flammable limit (% vol).....	1.8. (propellant).
Coefficient of water/oil distribution.....	Not available.
Maximum incremental reactivity (MIR).....	1.33.
VOC.....	624 g/l - 5.21 lb/usg.
Viscosity.....	Not Available.

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. Electrostatic charge.
Hazardous decomposition products.....	See hazardous combustion products section 5.

PRODUCT: PF520 FIL-N-FLEX TRIM AND BUMPER PRIMER (GRAY)**SECTION 11: Toxicological information**

INGREDIENTS	LC50	LD50
Isobutyl Acetate	>13.24 mg/L /6 h rat	13,400 mg/kg rat oral > 5000 mg/kg rabbit dermal
Propane	>1,464 mg/L 15 minutes rat	Not available
Isobutane	52 mg/L 1 hour mouse	Not available
Titanium Dioxide	Not Available	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
Talc	Not available	Not available
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
2-Propanol, 1-methoxy-, acetate	Not Available	8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit
Carbon Black	Not available	>10,000 mg/kg oral rat 3,000 mg/kg dermal rabbit
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 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
Crystalline Silica	Not available	>22,500 mg/kg oral rat

Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion. Skin absorption.
Effects of acute exposure.....	Can cause moderate skin irritation. 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. May be harmful if absorbed through the skin. Aspiration of the material can cause lung damage. Talc can be absorbed into the lungs and the digestive tract, and adversely affect lung function.
Effects of chronic exposure.....	Prolonged or repeated skin contact may cause drying or cracking of skin. Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated exposure may lead to liver, kidney or central nervous system symptoms. Talc has been shown to cause fibrosis of the lungs. Prolonged or repeated breathing of talc may result in progressive and permanent lung disease (fibrosis) which may cause death from respiratory and/or heart failure. Symptoms include coughing and difficult breathing which becomes worse with physical activity. . Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal .
Carcinogenicity of material.....	IARC has classified Titanium Dioxide as a group 2B carcinogen. 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. Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans. Toluene 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. 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	Causes damage to organs.

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 waste in accordance with all applicable Federal, Provincial/State and local regulations.
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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. Do not ship by air without checking appropriate IATA regulations.
IMDG Classification (Marine).....	UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity. Check IMDG regulations for limited quantity exemptions.
Marine Pollutant.....	No.

PRODUCT: PF520 FIL-N-FLEX TRIM AND BUMPER PRIMER (GRAY)**SECTION 14: Transport information**

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..... Ethylbenzene. Xylene.
 EPA hazardous air pollutants (HAPS) Chlorobenzene. Ethylbenzene. 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. *WARNING: This product contains a chemical known to the State of California to cause cancer.

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.
 Preparation date: JAN 29/2018