



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

**PRODUCT: PF 650C 2K URETHANE PRIMER SURFACER BUFF 2.1 VOC**

**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 650C 2K URETHANE PRIMER SURFACER BUFF 2.1 VOC

Recommended use and restrictions on use.. Paints.

Chemical family..... Polyester.

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

Hazard rating

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 Liquid 2. Skin Irritant 2. Eye Irritant 2. Carcinogen 1. STOT RE 1. Single Target  
Organ Toxicity - Single Exposure 3.

Hazard Description..... H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H350 This product contains ingredients that may cause cancer. H372 Causes damage to organs through prolonged or repeated exposure.

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. P233 Keep container tightly closed. P235 Keep cool. 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. 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. P280 Wear protective gloves and eye protection.

Response ..... P308 + P313 If exposed or concerned, get medical advice/attention. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower. 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. P312 Call a POISON CENTER/doctor if you feel unwell. P321 - For specific treatment see section 4 on this SDS. P362 + P364 - Take off contaminated clothing and wash before reuse. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish.

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

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

**SECTION 03: Composition/Information on Ingredients**

HAZARDOUS INGREDIENTS	CAS #	WT. %
This product is a mixture		
Talc	14807-96-6	10-20
tert-Butyl acetate	540-88-5	10-20
Calcium Carbonate	1317-65-3	10-20

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Titanium Dioxide	13463-67-7	10-20
4-Chlorobenzotrifluoride	98-56-6	5-10
N-Butyl Acetate	123-86-4	5-10
Xylene	1330-20-7	5-10
Ethylbenzene	100-41-4	0.1-1.0
Crystalline Silica	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.
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. See sections 2 and 11.

**SECTION 05: Fire fighting measures**

Suitable and unsuitable extinguishing media	"Alcohol" foam, CO2, dry chemical.
Hazardous combustion products.....	Oxides of carbon (CO, CO2).
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. Keep out of smoke, cool exposed containers with water spray. Fight fire from upwind position. Use self-contained breathing equipment. Contain runoff by diking to prevent entry into sewers or water ways. Equipment or materials involved in pesticide fires may become contaminated .

**SECTION 06: Accidental release measures**

Personal precautions, protective equipment and emergency procedures	Ventilate area, eliminate all sources of ignition, sound alarm, avoid all skin and eye contact and avoid breathing vapours.
Methods and materials for containment and cleaning up	Dike area to contain the spill, prevent runoff from going into drains, absorb residual material with an inert absorbent, shovel or pump to a properly labelled container and dispose of as a hazardous waste.

**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. Keep away from foodstuffs.

**SECTION 08: Exposure controls / personal protection**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Talc	2 mg/m3	Not established	2 mg/m3 TWA	3 mg/m3 - QUE		Not established
tert-Butyl acetate	200 ppm	Not established	200 ppm	Not established		200 ppm
Calcium Carbonate	Not established	Not established	5 mg/m3	Not established		5 mg/m3

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**SECTION 08: Exposure controls / personal protection**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established	Not established
4-Chlorobenzotrifluoride	Not established	Not established	Not established	Not established	Not established
N-Butyl Acetate	150 ppm	200 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm
Crystalline Silica	0.025 mg/m3	Not established	0.1 mg/m3 TWA	Not established	0.05 mg/m3
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**

Physical state.....	Liquid.
Odour.....	Solvent odour.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	1.493 - 12.46 lb/gal.
Melting / Freezing point (deg C).....	-40°C.
Solubility.....	Slightly soluble in water.
Initial boiling point / boiling range (deg C).....	97°C.
Evaporation rate.....	Moderate.
Flammability (solids and gases).....	Flammable liquid.
Flash point (deg C), method.....	4°C Closed Cup.
Auto ignition temperature (deg C).....	405°C.
Upper flammable limit (% vol).....	12.3.
Lower flammable limit (% vol).....	0.9.
Coefficient of water/oil distribution.....	Not available.
Decomposition temperature.....	Not available.
VOC.....	249.2 g/l - 2.08 lb/usg.
Viscosity	

**SECTION 10: Stability and reactivity**

Reactivity .....	Product is stable; hazardous polymerization will not occur.
Chemical stability.....	Stable at normal temperatures and pressures.
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.
Conditions to avoid.....	Keep away from heat. Incompatible with strong oxidizers.
Incompatible materials.....	Strong oxidizing agents, acids, bases.
Hazardous decomposition products.....	None known.

**SECTION 11: Toxicological information**

INGREDIENTS	LC50	LD50
Talc	Not available	Not available
tert-Butyl acetate	>2,230 mg/m3 4 hours rat	4,100 mg/kg rat oral >2,000 mg/kg rabbit dermal
Calcium Carbonate	Not available	6450 mg/kg rat oral

**PRODUCT: PF 650C 2K URETHANE PRIMER SURFACER BUFF 2.1 VOC****SECTION 11: Toxicological information**

INGREDIENTS	LC50	LD50
Titanium Dioxide	Not Available	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
4-Chlorobenzotrifluoride	4479 ppm	>6,800 mg/kg rat oral; >2,700 mg/kg rabbit dermal
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
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Crystalline Silica	Not available	>22,500 mg/kg oral rat
Route of entry .....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Breathing of high vapour concentrations may cause anesthetic effects and serious health effects. Causes eye irritation. Can cause tearing, reddening and swelling. May cause temporary corneal damage. Can cause moderate skin irritation.	
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 .	
Carcinogenicity of material.....	Quartz (Crystalline Silica) is listed by IARC in Group 1 as a carcinogen. . Ethylbenzene is known to the state of California to cause cancer and developmental effects and is listed by IARC as a Group 2B Carcinogen. This product contains non-asbestiform Talc, which is classified as a Group 3 (not classifiable as to carcinogenicity to humans) by IARC . 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.	
Reproductive 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.	

**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..... 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..... UN1263 - PAINT - Class 3 - Packing Group II - This product meets limited quantity exemption when shipped in containers less than 5 litres.  
 IATA Classification (Air)..... UN1263 - PAINT - Class 3 - Packing Group II.  
 IMDG Classification (Marine)..... UN1263 - Paint - Class 3 - Packing Group II - EmS: F-E S-E.  
 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..... On Domestic Substances List (DSL).  
 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..... Xylene. Ethylbenzene.  
 EPA hazardous air pollutants (HAPS) ..... Xylene. Ethylbenzene.  
 40CFR63  
 TSCA inventory status..... All components are listed.  
 California Proposition 65..... WARNING: This product contains a chemical known to the State of California to cause cancer. This product contains Carbon Black known to the State of California to cause cancer. This product contains Crystalline Silica (Quartz) known to the State of California to cause cancer. This product contains Ethylbenzene that is known to the State of California to cause cancer. Titanium dioxide is known to the State of California to cause cancer.

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**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: ..... AUG 22/2016