



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

**PRODUCT: PF 657 1K OLIVE GREEN PRIMER (AEROSOL)**

### 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 657 1K OLIVE GREEN PRIMER (AEROSOL)

Recommended use and restrictions on use.. Paints.

Chemical family..... Acrylic coating.

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..... Aerosol 1. Gases Under Pressure: Liquefied Gas. Aspiration Toxicity 1. Skin Irritant 2. Eye Irritant 2A. Specific Target Organ Toxicity — Single Exposure — 3. (narcotic effects). Carcinogenicity — 2. Reproductive Toxicity — 1. Specific Target Organ Toxicity — Repeated Exposure — 1.

Hazard Description..... H222 Extremely flammable aerosol . H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H351 This product contains ingredients that are suspected of causing cancer. H360 May damage fertility or the unborn child. H372 Causes damage to organs through prolonged or repeated exposure.

Prevention..... 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. P280 Wear protective gloves and eye protection. P202 Do not handle this product until all safety instructions have been read and understood. P201 Obtain special instructions before use. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P260 Do not breathe mist, vapours, or spray. P261 Avoid breathing mists, vapours and sprays. P271 Use only outdoors or in a well ventilated area.

Response ..... P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P308 + P313 If exposed or concerned, get medical advice/attention. 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. P302 + P352 - If on skin: wash with plenty of water. . P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 - Take off contaminated clothing and wash before reuse. 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.

Storage..... P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C / 122°F. P405 Store locked up. P403 Store in a well ventilated area. P403 + P233 Store in a well ventilated area. Keep container tightly closed.

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 657 1K OLIVE GREEN PRIMER (AEROSOL)****SECTION 03: Composition/Information on Ingredients**

HAZARDOUS INGREDIENTS	CAS #	WT. %
Toluene	108-88-3	10-30
Isobutyl Acetate	110-19-0	10-30
Talc	14807-96-6	10-30
Propane	74-98-6	10-30
Isobutane	75-28-5	7-13
Methyl Ethyl Ketone	78-93-3	5-10
Titanium Dioxide	13463-67-7	5-10
tert-Butyl acetate	540-88-5	3-7
N-Butyl Acetate	123-86-4	1-5
2-Propanol, 1-methoxy-, acetate	108-65-6	1-5
Xylene	1330-20-7	1-5
Ethylbenzene	100-41-4	0.5-1.5
N-methyl pyrrolidone	872-50-4	0.1-1
Carbon Black	1333-86-4	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.
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. This product contains ingredients that are suspected of damaging fertility or the unborn child. This product contains ingredients that may cause cancer.
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, CO <sub>2</sub> , dry chemical. Do not use water in a jet.
Hazardous combustion products.....	Oxides of carbon (CO, CO <sub>2</sub> ). Toxic vapours may be evolved upon exposure to heat or open flame.
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. 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.

**SECTION 06: Accidental release measures**

Leak/spill.....	No action shall be taken involving any personal risk or without suitable training. Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Scrape or shovel into containers. 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 657 1K OLIVE GREEN PRIMER (AEROSOL)****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..... Do not store above 50 deg C. 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
Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm	
Isobutyl Acetate	150 ppm	Not established	150 ppm	Not established	150 ppm	
Talc	2 mg/m3	Not established	2 mg/m3 TWA	3 mg/m3 - QUE	Not established	
Propane	1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm	
Isobutane	Not established	Not established	Not established	Not established	800 ppm	
Methyl Ethyl Ketone	200 ppm	300 ppm	200 ppm	Not established	200 ppm TWA	
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established	Not established	
tert-Butyl acetate	200 ppm	Not established	200 ppm	Not established	200 ppm	
N-Butyl Acetate	150 ppm	200 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm	
2-Propanol, 1-methoxy-, acetate	50 ppm	75 ppm	Not established	Not established	Not established	
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	
N-methyl pyrrolidone	Not Established	Not Established	Not Established	Not Established	Not Established	
Carbon Black	3.5 mg/m3	Not established	3.5 mg/m3	Not established	3.5 mg/m3	
Eye/type.....	Liquid chemical goggles. Chemical safety goggles. Chemical safety goggles and full faceshield if splash hazard exists.					
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. Employees should wash their hands and face before eating, drinking, or using tobacco products.					
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..... Aerosol.

Colour..... Green.

Odour..... Solvent odour.

Odour threshold (ppm)..... Not available.

Vapour pressure (mm Hg)..... 55-75 psig @21°C.

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

pH..... Not applicable.

Relative Density (Specific Gravity)..... 0.844. (Aerosol). 0.928 - 7.74 lb/usg. (Liquid).

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

Solubility..... Not soluble in water.

Initial boiling point / boiling range (deg C)..... 56°C (liquid).

Evaporation rate..... No data.

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Flash point (deg C), method.....	-17. (estimate for liquid).
Auto ignition temperature (deg C).....	460 °C (propellant) .
Upper flammable limit (% vol).....	13.
Lower flammable limit (% vol).....	0.9.
Coefficient of water/oil distribution.....	Not available.
VOC.....	2.91 lb/usg - 349 g/L.
Viscosity.....	Not Available.

**SECTION 10: Stability and reactivity**

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity .....	This is a stable material. Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.
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
Toluene	8000 ppm rat inhalation 400 ppm mouse inhalation 24hr	5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal
Isobutyl Acetate	>13.24 mg/L /6 h rat	13,400 mg/kg rat oral > 5000 mg/kg rabbit dermal
Talc	Not available	Not available
Propane	>1,464 mg/L 15 minutes rat	Not available
Isobutane	52 mg/L 1 hour mouse	Not available
Methyl Ethyl Ketone	>5,000 ppm (6 hours, rat) 11000 ppm (45 minutes, mouse)	3,400 mg/kg (rat, oral) >8000 mg/kg (rabbit, dermal) 670 mg/kg (mouse, oral)
Titanium Dioxide	Not Available	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
tert-Butyl acetate	>2,230 mg/m <sup>3</sup> 4 hours rat	4,100 mg/kg rat oral >2,000 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
2-Propanol, 1-methoxy-, acetate	Not Available	8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit
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
N-methyl pyrrolidone	No Data	3600 mg/kg (oral, rat)
Carbon Black	Not available	>10,000 mg/kg oral rat 3,000 mg/kg dermal rabbit

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. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. May be harmful or fatal if swallowed.
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.....	Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans. Ethylbenzene is classified as an A3 known animal carcinogen. Methyl Isobutyl Ketone is possibly carcinogenic to humans (Group 2B). IARC has classified Toluene as a Group 3 (Not classifiable as to its carcinogenicity to humans); ACGIH has classified Toluene as a Group A4 (Not classifiable as a human carcinogen). IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans, based on laboratory animal inhalation studies. IARC has classified Titanium Dioxide as a group 2B carcinogen.

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Reproductive effects..... Toluene is known by the State of California to cause adverse fetal developmental effects. Methyl Isobutyl Ketone is known by the State of California to cause adverse fetal developmental effects.

Sensitizing capability of material..... May cause sensitization by skin contact. Ethylbenzene is a possible skin sensitizer.

**SECTION 12: Ecological information**

Environmental..... Do not allow to enter waters, waste water or soil.

**SECTION 13: Disposal considerations**

Waste disposal..... Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. Empty containers must be handled with care due to product residue.

**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.

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).

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.

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

Section 313..... Ethylbenzene. Toluene. Xylene.

EPA hazardous air pollutants (HAPS) 40CFR63 ..... Ethylbenzene. Toluene. Xylene.

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: ..... NOV 06/2017