



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

PRODUCT: PF 559 E-COAT DTM PRIMER 3 IN 1 (LIGHT GREEN)

SECTION 01: IDENTIFICATION

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

Product identifier..... PF 559 E-COAT DTM PRIMER 3 IN 1 (LIGHT GREEN)

Recommended use and restrictions on .. Primer.
use

24 hour emergency number:..... CANUTEC: 1-613-996-6666.

SECTION 02: HAZARD IDENTIFICATION



Signal Word..... DANGER.

Hazard Classification..... Flammable Aerosols — Category 2. Gases Under Pressure: Liquefied Gas. Skin Corrosion/Irritation — Category 2. Serious Eye Damage/Eye Irritation — Category 2A. Sensitization - Skin — Category 1. Carcinogenicity — Category 1. Reproductive Toxicity — Category 1. Specific Target Organ Toxicity — Single Exposure — Category 3. (Respiratory, CNS). (Narcotic Effects). Specific Target Organ Toxicity — Repeated Exposure — Category 2. Aquatic Acute 2. Aquatic Chronic 3.

Hazard Description..... H223 Flammable aerosol . H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H350 May cause cancer. H360 May damage fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H401 Toxic to aquatic life. H412 Harmful to the aquatic life with long lasting effects.

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. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves and eye protection.

Response P302 + P352 - If on skin: wash with plenty of water. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. 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. 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 - For specific treatment see section 4 on this SDS. P332 + P313 - If skin irritation occurs get medical attention or advice. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P337 + P313 - If eye irritation persists get medical attention. 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.

Other hazards..... None known.

PRODUCT: PF 559 E-COAT DTM PRIMER 3 IN 1 (LIGHT GREEN)**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	15-40
Propane	74-98-6	7-13
Isobutyl Acetate	110-19-0	7-13
Isobutane	75-28-5	5-10
Methyl Ethyl Ketone	78-93-3	5-10
Xylene	1330-20-7	1-5
Titanium Dioxide	13463-67-7	1-5
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	64742-89-8	1-5
Naphtha (petroleum), hydrotreated light	64742-49-0	1-5
Ethyl 3-Ethoxypropionate	763-69-9	1-5
Talc	14807-96-6	1-5
2-Propanol, 1-methoxy-, acetate	108-65-6	1-5
Ethylbenzene	100-41-4	0.1-1
Carbon Black	1333-86-4	0.1-1
N-methyl pyrrolidone	872-50-4	0.1-1
Benzene, ethenylmethyl-	25013-15-4	0.1-1
Distillates (Petroleum) Hydrotreated Light	64742-47-8	0.1-1
Naphtha, petroleum, hydrodesulfurized heavy	64742-82-1	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. Check for and remove any contact lenses, if safe and easy to do so. 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.....	Do not induce vomiting. 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	This product contains ingredients that may cause cancer. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure if inhaled.
Indication of immediate medical attention and special treatment needed, if necessary	Treat symptomatically. Provide general supportive measures. Thermal burns: Flush with water immediately. While flushing, remove all clothing which do not adhere to the affected area. call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media.....	"Alcohol" foam, CO ₂ , dry chemical.
Unsuitable extinguishing media.....	Do not use solid water streams or water jet.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Do not allow run-off from fire fighting to enter drains or water courses. Collect all runoff water and dispose according to all local, provincial and federal regulations. Vapors may form explosive mixture in air. Vapors may travel considerable distance to a source of ignition and flash back. . During fire, gases hazardous to health may be formed. Oxides of carbon (CO, CO ₂). Other potentially toxic fumes.
Special protective equipment and precautions for fire-fighters	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. Dispose of all runoff water as hazardous waste in accordance with all Local, Provincial and Federal Regulations.

PRODUCT: PF 559 E-COAT DTM PRIMER 3 IN 1 (LIGHT GREEN)**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures	No action shall be taken involving any personal risk or without suitable training. Ventilate and emergency procedures area. Keep unnecessary and unprotected personnel from entering. Avoid walking through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 08). Isolate area and keep unauthorized people away.. Open windows and doors to allow air circulation. Dike area to prevent spreading. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways.
Environmental precautions.....	Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.
Methods and materials for containment and cleaning up	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, and Cleaning Up earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Always wear PPE during cleanup.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....	Do not spray on a naked flame or any incandescent material. Avoid breathing vapours or mist. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Smoking, eating and drinking should be prohibited in the application area. Keep away from heat, sparks, and open flame. Employees should wash hands and face before eating or drinking. Handle in accordance with good industrial hygiene and safety practices.
Conditions for safe storage, including any incompatibilities	No smoking. Pressurized container, do not expose to temperatures exceeding 50°C (122°F). Do not puncture, incinerate or crush container. Keep away from heat, sparks, and open flames. Store in a well ventilated area. Observe label precautions. Store locked up. Store away from sunlight. Incompatible materials include, but not limited to:.. Strong acids. Strong bases. Strong oxidizing agents. Halogens.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Acetone	250 ppm TLV CA ON AB: 500ppm (TWA); 750ppm (STEL)	500 ppm	1,000 ppm	Not established	250 ppm	
Propane	1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm	
Isobutyl Acetate	50 ppm	150 ppm	150 ppm	Not established	150 ppm	
Isobutane	Not established	Not established	Not established	Not established	800 ppm	
Methyl Ethyl Ketone	200 ppm CA ON: 200ppm (TWA), 300ppm (STEL)	300 ppm	200 ppm	Not established	200 ppm TWA	
Xylene	50 ppm CA ON: 100ppm (TWA); 150ppm (STEL)	150 ppm	100 ppm TWA	Not available	Not available	
Titanium Dioxide	10 mg/m3 CA ON: 10 mg/m3 (TWA)	Not available	15 mg/m3	Not available	Not available	
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	100 ppm Not available	300 ppm	100 ppm	Not established	Not established	
Naphtha (petroleum), hydrotreated light	1640 mg/m3 (heptane) 1100 ppm (IDLH)	Not established	Not established	Not established	Not established	
Ethyl 3-Ethoxypropionate	Not established	Not established	Not established	Not established	Not established	
Talc	2 mg/m3 CA ON: 2mg/kg (TWA)	Not available	2 mg/m3 TWA	Not available	2 mg/m3	
2-Propanol, 1-methoxy-, acetate	50 ppm	75 ppm	Not established	Not established	Not established	
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm	

PRODUCT: PF 559 E-COAT DTM PRIMER 3 IN 1 (LIGHT GREEN)**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH REL
	TWA	STEL	PEL	STEL	
Carbon Black	CA ON: 20ppm (TWA) 3 mg/m ³	Not established	3.5 mg/m ³	Not established	3.5 mg/m ³
N-methyl pyrrolidone	CA ON: 3 mg/m ³ (Inhalable) TWA Not Established	Not Established	Not Established	Not Established	Not Established
Benzene, ethenylmethyl-	50 ppm 25 ppm (STEV)	100 ppm			
Distillates (Petroleum) Hydrotreated Light	1200 mg/m ³	197 ppm	Not available	Not available	Not available
Naphtha, petroleum, hydrodesulfurized heavy	CA BC: 200mg/m ³ (TWA) Skin Not available	Not available	Not available	Not available	Not available
Appropriate engineering controls.....	Local exhaust at points of emission. Ventilation system should be designed for vapors and explosion proof for handling solvent vapors.				
Personal Protective Equipment Eye/type.....	Chemical safety goggles should be worn. Plastic face shields should be worn in addition to safety goggles for complete face protection. Consult your personal protective equipment supplier for additional recommendations.				
Respiratory/type.....	Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Consult your personal protective equipment supplier for additional recommendations.				
Gloves/ type.....	Chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.				
Clothing/type.....	Wear chemical resistant clothing. Consult your personal protective equipment supplier for additional recommendations.				
Footwear/type.....	Wear chemical resistant safety boots. Consult your personal protective equipment supplier for additional recommendations.				
Other/type.....	Emergency showers and eye wash stations should be available.				

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Form.....	Aerosol.
Appearance/Physical state.....	Spray mist.
Colour.....	Not available.
Odour.....	Hydrocarbon.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	Not available.
pH.....	Not available.
Relative Density (Specific Gravity).....	Not available.
Melting / Freezing point (deg C).....	Not available.
Solubility.....	Not available.
Initial boiling point / boiling range (deg C).....	Not available.
Evaporation rate.....	Not available.
Flash point (deg C), method.....	-155.27°F (-104.039 °C) Closed Cup. (Propellant).
Auto ignition temperature (deg C).....	450°C (842°F). (Propellant).
Lower flammable limit (% vol).....	2.0. (Propellant).
Upper flammable limit (% vol).....	9.5. (Propellant).
Partition coefficient — n-octanol/water.....	Not available.
Decomposition temperature.....	Not available.
Viscosity.....	Not available.
% Weight Volatile (VOC).....	Greater than 45%.
Total MIR.....	0.74.

SECTION 10: STABILITY AND REACTIVITY

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity	Non-reactive under normal conditions of use, storage or transport.
Conditions to avoid, including static discharge, shock or vibration	Heat, sparks and open flames. Ignition sources. Temperatures exceeding the flashpoint.
Incompatible materials.....	Strong acids. Strong bases. Strong oxidizing agents. Halogens.
Possibility of hazardous reactions.....	Vapours may form explosive mixture with air. Hazardous polymerization will not occur.

PRODUCT: PF 559 E-COAT DTM PRIMER 3 IN 1 (LIGHT GREEN)**SECTION 10: STABILITY AND REACTIVITY**

Hazardous decomposition products..... Oxides of carbon (CO,CO2). Other potentially toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Propane	>1,464 mg/L 15 minutes rat	Not available
Isobutyl Acetate	>13.24 mg/L /6 h rat	15400 mg/kg (rat oral), >17400 mg/kg (rabbit dermal)
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)
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Titanium Dioxide	>6.8 mg/L (4 hr)	>10,000 mg/kg (rat, oral) >10,000 mg/kg (rabbit, dermal)
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	3400 ppm 4hr Rat	>2000 mg/kg Oral Rat >2000 mg/kg Dermal Rat
Naphtha (petroleum), hydrotreated light	73680 ppm 4 hours rat	>5000 mg/kg (oral, rat) >3160 mg/mg (dermal, rabbit)
Ethyl 3-Ethoxypropionate	>998 ppm 6 hours	4,309 mg/kg rat oral 4,080 mg/kg rabbit dermal
Talc	Not available	Not available
2-Propanol, 1-methoxy-, acetate	Not Available	8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Carbon Black	Not available	>10,000 mg/kg (oral rat) 3,000 mg/kg (dermal rabbit)
N-methyl pyrrolidone	No Data	3600 mg/kg (oral, rat)
Benzene, ethenylmethyl-	Not available	Not available
Distillates (Petroleum) Hydrotreated Light	>5.2 mg/L (4 hr.)	>5000 mg/kg (oral, rat), >2000 mg/kg (dermal, rabbit)
Naphtha, petroleum, hydrodesulfurized heavy	Inhalation LC50 (Rat): > 11.6 mg/l	Oral LD50 (Rat): > 5,000 mg/kg Dermal LD50 (Rabbit): > 3,000 mg/kg

Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion.
Acute Toxicity.....	Not classified.
Serious eye damage/eye irritation.....	Causes serious eye irritation.
Skin corrosion/irritation.....	Causes skin irritation.
Respiratory Sensitization.....	Not expected to be a respiratory sensitizer.
Skin Sensitization.....	May cause an allergic skin reaction.
Carcinogenicity.....	IARC has classified Titanium Dioxide as a "Group 2B"; possibly carcinogenic to humans. 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. IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans.
Reproductive effects.....	Reproductive toxicity (developmental): N-methyl pyrrolidone. High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. Xylene has been classified by The Commission on Health and Safety as causing reproductive effects.
Mutagenicity.....	Not classified.
STOT-SE.....	Certain components of this product causes narcotic effects. May cause drowsiness or dizziness. May cause respiratory irritation.
STOT-RE.....	May cause damage to the organs through prolonged or repeated exposure. .
Aspiration Hazard.....	Not classified.

PRODUCT: PF 559 E-COAT DTM PRIMER 3 IN 1 (LIGHT GREEN)**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity.....	Harmful to aquatic life with long lasting effects. Toxic to aquatic life. .
Bioaccumulative potential.....	Not available as a product.
Mobility in soil.....	Not available as a product.
Persistence and degradability.....	Not available as a product.
Other adverse effects.....	No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	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.
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SECTION 14: TRANSPORT INFORMATION

TDG Classification.....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
DOT Classification (Road).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty., Consumer Commodity ORM-D.
IATA Classification (Air).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
IMDG Classification (Marine).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
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.....	All substances are on the DSL or are exempt.
National Pollutant Release Inventory (NPRI).....	Some components are subject to reporting under NPRI. Please check your responsibility. (CAS # 74-98-6 (CAT 5)). (CAS # 78-93-3 (Cat 1A & 5)). (CAS # 1330-20-7 (CAT 1A &5)). (CAS # 64742-89-8 (Cat 5)). (CAS # 108-65-6 (CAT 5)). (CAS # 100-41-4 (CAT 1A)). (CAS # 872-50-4 (CAT 1A)). (CAS # 64742-47-8 (CAT 5)).
Environmental Emergency Regulations.....	Some components of this product are on the Environmental Emergency Regulations and may require additional reporting. Propane (CAS # 74-98-6) Part 1. Isobutane (CAS # 75-28-5) Part 1. Xylene (CAS # 1330-20-7) Part 1. Ethylbenzene (CAS # 100-41-4) Part 1.
Categorization of the DSL.....	Some components met the criteria under subsection 73(1) of CEPA during categorization of the DSL. Please check to see if this affects your company. (CAS # 67-64-1). (CAS # 74-98-6). (CAS # 110-19-0). (CAS # 75-28-5). (CAS # 78-93-3). (CAS # 13463-67-7). (CAS # 64742-89-8). (CAS # 64742-49-0). (CAS # 14807-96-6). (CAS # 100-41-4). (CAS # 1333-86-4). (CAS # 872-50-4). (CAS # 64742-47-8). (CAS # 64742-82-1).
TSCA inventory status.....	All components are either listed or exempt from the TSCA. .
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.....	None.
Section 313.....	Xylene. Ethylbenzene. N-Methyl-2-pyrrolidone.
EPA hazardous air pollutants (HAPS) 40CFR63	Ethylbenzene. Xylene.
California Proposition 65.....	*WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. (N-methyl pyrrolidone (nmp)(D)). *WARNING: This product contains a chemical known to the State of California to cause cancer. (Carbon black - airborne, unbound particles of respirable size). (Ethylbenzene (C)).
Note.....	The VOC content listed in section 9 is as per the interpretation that there is no CARB or ECCC category for this product format - therefore, there is no limit to meet.

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.
Date of the latest revision of the safety data sheet	2024-11-12