

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

#### PF 558 E-COAT DTM PRIMER 3 IN 1 (OLIVE BROWN) PRODUCT:

Primer.

#### **SECTION 01: IDENTIFICATION**

Initial supplier identifier..... Pro Form Products Ltd.

604 McGeachie Drive

Milton, Ontario L9T3Y5 Tel (905) 878-4990 Fax (905) 878-1189

PF 558 É-COAT DTM PRIMÉR 3 IN 1 (OLIVE BROWN)

Product identifier..... Recommended use and restrictions on ..

Signal Word...... DANGER.

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

## **SECTION 02: HAZARD IDENTIFICATION**



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. Germ Cell Mutagenicity 1B. 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
riazara Description	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. H340 May cause genetic
	defects. 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
Dagnanaa	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
Disposal	/ 122°F.  PE01 Dispess all unused waste or empty containers in accordance with level regulations.
	P501 Dispose all unused, waste or empty containers in accordance with local regulations.
Other hazards	NOTIC KHOWIT.

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	
2-Propanol, 1-methoxy-, acetate	108-65-6	7-13	
Isobutane	75-28-5	5-10	
Methyl Ethyl Ketone	78-93-3	5-10	
Ferric Oxide	1309-37-1	1-5	
Xylene	1330-20-7	1-5	
Ethyl 3-Ethoxypropionate	763-69-9	1-5	
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	64742-89-8	1-5	
Naphtha (petroleum), hydrotreated light	64742-49-0	1-5	
Talc	14807-96-6	1-5	
Ethylbenzene	100-41-4	1-5	
Manganese Compounds	1317-34-6	0.1-1	
Carbon Black	1333-86-4	0.1-1	
Crystalline Silica	14808-60-7	0.1-1	
N-methyl pyrrolidone	872-50-4	0.1-1	
Titanium Dioxide	13463-67-7	0.1-1	
Benzene, ethenylmethyl-	25013-15-4	0.1-1	
Distillates (Petroleum) Hydrotreated Light	64742-47-8	0.1-1	
Calcium Carbonate	1317-65-3	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. May cause genetic defects.
Indication of immediate medical attention	Treat symptomatically. Provide general supportive measures. Thermal burns: Flush with

and special treatment needed, if necessary 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..... Unsuitable extinguishing media..... Specific hazards arising from the ..... hazardous product, such as the nature of any hazardous combustion products

"Alcohol" foam, CO2, dry chemical.

Do not use solid water streams or water jet.

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, CO2). 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



### **SECTION 05: FIRE-FIGHTING MEASURES**

Special protective equipment and ..... precautions for fire-fighters

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.

General Fire Hazards.....

### **SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment No action shall be taken involving any personal risk or without suitable training. Ventilate and emergency procedures and emergency procedures area. Keep unnecessary and unprotected personnel from

Flammable aerosol.

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. Warning: hot organic chemical vapours or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below those published in the literature as autoignition or ignition temps. Ignition temperatures decrease with increasing vapour volume and vapour/air contact time, and are influenced by pressure changes. Ignition may occur at typical elevated temperature process conditions, especially in processes operating under vacuum if subjected to sudden ingress of air, or outside process equipment operating under elevated pressure if sudden escape of vapours or mists to the atmosphere occurs. Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. 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. Dispose of rinse water according to local, Provincial and Federal guidelines. Keep away from heat, sparks, and open flame. Employees should wash hands and face before eating or drinking.

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. Keep container closed when not in use. 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.

### **SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

	ACGIH TLV		os	OSHA PEL	
INGREDIENTS	TWA	STEL	PEL	STEL	REL
Acetone	250 ppm TLV	500 ppm	1,000 ppm	Not established	250 ppm
	CA ON AB: 500pp	m (TWA); 750ppm (ST	EL)		
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
2-Propanol, 1-methoxy-, acetate	50 ppm	75 ppm	Not established	Not established	Not established
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
	CA ON: 200ppm (	TWA), 300ppm (STEL)			
Ferric Oxide	Not available	Not available	Not available	Not available	Not available
	5mg/m3				

## **SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	TWA	CGIH TLV STEL	PEL OSF	HA PEL STEL	NIOSH REL
Xylene	50 ppm CA ON: 100ppm	150 ppm (TWA); 150ppm (STEL)	100 ppm TWA	Not available	Not available
Ethyl 3-Ethoxypropionate	Not established	Not established	Not established	Not established	Not established
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	100 ppm	300 ppm	100 ppm	Not established	Not established
	Not available				
Naphtha (petroleum), hydrotreated light	1640 mg/m3 (heptane)	Not established	Not established	Not established	Not established
	1100 ppm (IDLH)				
Talc	2 mg/m3	Not available	2 mg/m3 TWA	Not available	2 mg/m3
	CA ON: 2mg/kg (	TWA)			
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm
	CA ON: 20ppm (	·			
Manganese Compounds	0.1 mg/m3 (inhala fraction)	ıble Not available	Not available	Not available	Not available
0 1 51 1	Not available	N IP. I	0.5		0.5
Carbon Black	3 mg/m3 CA ON: 3 mg/m3	Not established (Inhalable) TWA	3.5 mg/m3	Not established	3.5 mg/m3
Crystalline Silica	0.025 mg/m3 CA ON: 0.025 mg	Not available g/m3 Respirable	0.1 mg/m3 TWA	Not available	0.05 mg/m3
N-methyl pyrrolidone	Not Established	Not Established	Not Established	Not Established	Not Established
Titanium Dioxide	10 mg/m3 CA ON: 10 mg/m	Not available 3 (TWA)	15 mg/m3	Not available	Not available
Benzene, ethenylmethyl-	50 ppm	100 ppm			
	25 ppm (STEV)				
Distillates (Petroleum) Hydrotreated Light	1200 mg/m3	197 ppm	Not available	Not available	Not available
	CA BC: 200mg/m	n3 (TWA) Skin			
Calcium Carbonate	Not available Not available	Not available	5 mg/m3	Not available	5 mg/m3
Naphtha, petroleum, hydrodesulfurized heavy	Not available	Not available	Not available	Not available	Not available
	Not available				
Appropriate engineering		Local exhaust at points explosion proof for hand		n system should be de	signed for vapors and
Personal Protective Equipment Eye/type				be worn in addition to	
Respiratory/type	supplier for additional recommendations.  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				• •
Clothing/type					
	Footwear/type				ve equipment supplier
Other/type Emergency showers and eye wash stations should be available.					



Form

## **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).
Upper flammable limit (% vol)	2.0. (Propellant).
Lower flammable limit (% vol)	9.5. (Propellant).
Partition coefficient — n-octanol/water	Not available.
Decomposition temperature	Not available.
Viscosity% Weight Volatile (VOC)	Not available.
% Weight Volatile (VOC)	Greater than 45%.
Total MIR	0.76.

Agragal

## **SECTION 10: STABILITY AND REACTIVITY**

Chemical stabilityReactivity	Stable at normal temperatures and pressures.  Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong oxidizing agents.
Conditions to avoid, including staticdischarge, shock or vibration	Heat, sparks and open flames. Ignition sources.
Incompatible materails  Possibility of hazardous reactions  Hazardous decomposition products	Strong acids. Strong bases. Strong oxidizing agents. Vapours may form explosive mixture with air. Hazardous polymerization will not occur. Oxides of carbon (CO,CO2).

## **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)
2-Propanol, 1-methoxy-, acetate	Not Available	8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit
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)
Ferric Oxide	Not available	Not available
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Ethyl 3-Ethoxypropionate	>998 ppm 6 hours	4,309 mg/kg rat oral 4,080 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)
Talc	Not available	Not available
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Manganese Compounds	Not available	Not available
Carbon Black	Not available	>10,000 mg/kg (oral rat ) 3,000 mg/kg (dermal rabbit)
Crystalline Silica	Not available	>22,500 mg/kg (oral rat)

## **SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
N-methyl pyrrolidone	No Data	3600 mg/kg (oral, rat)
Titanium Dioxide	>6.8 mg/L (4 hr)	>10,000 mg/kg (rat, oral) >10,000 mg/kg (rabbit, dermal)
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)
Calcium Carbonate	Not available	6450 mg/kg rat oral
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

Eye contact. Skin contact. Inhalation. Ingestion. Route of exposure.....

Acute Toxicity..... Not classified.

Serious eye damage/eye irritation..... Causes serious eye irritation.

Skin corrosion\irritation.....Respiratory Sensitization..... Causes skin irritation.

Not classified.

Skin Sensitization..... May cause an allergic skin reaction.

IARC has classified Titanium Dioxide as a "Group 2B"; possibly carcinogenic to humans. Carcinogenicity.....

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 toxicity (developmental): N-methyl pyrrolidone. High level exposure to Xylene Reproductive effects.....

in some animal studies have been reported to cause health effects on the developing

embryo/fetus.

Mutagenicity..... May cause genetic defects.

STOT-SE..... Certain components of this product causes narcotic effects. Central nervous system. May

cause drowsiness or dizziness. May cause respiratory irritation.

STOT-RE.....Aspiration Hazard..... May cause damage to the organs through prolonged or repeated exposure. .

Not classified.

#### **SECTION 12: ECOLOGICAL INFORMATION**

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.

#### **SECTION 14: TRANSPORT INFORMATION**

UN1950, AEROSOLS, Class 2.1, Ltd. Qty. UN1950, AEROSOLS, Class 2.1, Ltd. Qty., Consumer Commodity ORM-D. UN1950, AEROSOLS, Class 2.1, Ltd. Qty. UN1950, AEROSOLS, Class 2.1, Ltd. Qty. IATA Classification (Air)..... IMDG Classification (Marine).....

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**

Not all the substances are on the DSL or NDSL. See below: . Calcium carbonate is considered a naturally occurring substance and is therefore exempt from listing on the CEPA status.....

DSL. The balance of the substances are on the DSL

National Pollutant Release Inventory (NPRI)Some components are subject to reporting under NPRI. Please check your responsibility. (CAS # 78-93-3 (Cat 1A & 5)). (CAS # 1330-20-7 (CAT 1A &5)). (CAS # 64742-89-8 (Cat 5)). (CAS # 100-41-4 (CAT 1A)). (CAS # 108-65-6 (CAT 5)). (CAS # 64742-47-8 (CAT 5)). (CAS # 872-50-4 (CAT 1A)). (CAS # 74-98-6 (Cat 5)).



### **SECTION 15: REGULATORY INFORMATION**

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. Ethylbenzene (CAS # 100-41-4) Part 1. Xylene (CAS # 1330-20-7) Part 1. Some components met the criteria under subsection 73(1) of CEPA during categorization

Categorization of the DSL.....

of the DSL. Please check to see if this affects your company. (CAS # 67-64-1). (CAS # 74-98-6). (CAS # 75-28-5). (CAS # 78-93-3). (CAS # 100-41-4). (CAS # 64742-49-0). (CAS # 64742-89-8). (CAS # 14807-96-6). (CAS # 1333-86-4). (CAS # 64742-47-8). (CAS # 14808-60-7). (CAS # 13463-67-7). (CAS # 110-19-0). (CAS # 872-50-4). (CAS #

64742-82-1).

TSCA inventory status..... Not determined.

This product is considered hazardous under the OSHA Hazard Communication Standard. OSHA.....

SARA Title III

Section 302 - extremely hazardous ......... None.

substances

Section 311/312 - hazard categories....... Section 313......

EPA hazardous air pollutants (HAPS) .....

40CFR63

California Proposition 65.....

Immediate health, delayed health, fire hazard. Ethylbenzene. Xylene. N-methyl pyrrolidone (nmp). Ethylbenzene. Xylene.

\*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)).

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: ..... Telephone number:.... Disclaimer:.....

Note.....

REGULATORY AFFAIRS.

(800) 387-7981.
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

2024-11-11

