



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

PRODUCT: 13182 E-COAT DTM PRIMER 3 IN 1 (GRAY)

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..... 13182 E-COAT DTM PRIMER 3 IN 1 (GRAY)

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 1. Sensitization - Skin — Category 1. Carcinogenicity — Category 2. Reproductive Toxicity — Category 1. Specific Target Organ Toxicity — Single Exposure — Category 3. (Respiratory, CNS). Specific Target Organ Toxicity — Repeated Exposure — Category 2. Aspiration Toxicity 1. Acute Toxicity (Inhalation) — Category 4. Acute Toxicity (Dermal) — Category 4.

Hazard Description..... H223 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. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H332 Harmful if inhaled. H335 May cause respiratory 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. H373 May cause 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 the 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. P280 Wear protective gloves and eye protection.

Response P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. 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. P310 - Immediately call your local poison control centre. 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. P331 Do NOT induce vomiting. P332 + P313 - If skin irritation occurs get medical attention or advice. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P362 + P364 - Take off contaminated clothing and wash before reuse.

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

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

PRODUCT: 13182 E-COAT DTM PRIMER 3 IN 1 (GRAY)**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	15-40
Propane	74-98-6	7-13
tert-Butyl acetate	540-88-5	7-13
Isobutane	75-28-5	5-10
Methyl Ethyl Ketone	78-93-3	5-10
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	64742-89-8	1-5
Naphtha (petroleum), hydrotreated light	64742-49-0	1-5
Xylene	1330-20-7	1-5
Naphtha (petroleum), hydrotreated heavy	64742-48-9	1-5
Ethylbenzene	100-41-4	1-5
2-Propanol, 1-methoxy-, acetate	108-65-6	1-5
Ethyl 3-Ethoxypropionate	763-69-9	1-5
Benzene, ethenylmethyl-	25013-15-4	0.5-1.5
n-Butyl Acetate	123-86-4	0.5-1.5
Siloxanes and silicones, di-Me, 3- hydroxypropyl Me, ethers with polyethylene glycol acetate	70914-12-4	0.1-1
N-methyl pyrrolidone	872-50-4	0.1-1
Naphtha, petroleum, hydrodesulfurized heavy	64742-82-1	0.1-1
Carbon Black	1333-86-4	0.1-1
Chromium III Oxide	1308-38-9	0.1-1
Cobalt bis(2-ethylhexanoate)	136-52-7	0.1-1
<<The actual concentration(s) withheld as a trade secret>> .		

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.....	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.....	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.
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 extinguishing media.....	"Alcohol" foam, CO ₂ , dry chemical. In cases of larger fires, water spray should be used.
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	Hazardous combustion products may include but not limited to: Carbon dioxide. Carbon monoxide. Sulfur Oxides. Oxides of phosphorous. Nitrogen oxides. Chlorinated compounds. Sulphuric acid. Hydrogen sulphide. Metal oxides. Silicone compounds. Closed containers may explode when exposed to extreme heat. Collect all runoff water and dispose according to all local, provincial and federal regulations. Vapours can accumulate in low areas.
Special protective equipment and precautions for fire-fighters	Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture. Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Keep run-off water from entering sewers and other waterways. Dike for water control. 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. Vapours may form explosive mixture in air. Move containers from fire area if this can be done without risk.

PRODUCT: 13182 E-COAT DTM PRIMER 3 IN 1 (GRAY)

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Beware of vapours accumulating to form explosive concentrations. Eliminate all sources of ignition. Ensure adequate ventilation. Keep unnecessary and unprotected personnel from entering spill area and upwind from spill area. Place in container for disposal according to Federal, Provincial and Local regulations. Take precautions against static discharge. Vapours can accumulate in low areas. Vapors can form explosive mixture in air. Wear appropriate personal protection equipment.

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. Dispose of waste material in accordance with all Local, Provincial and Federal Regulations.

Environmental precautions..... Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling..... Keep away from heat, sparks, and open flame. Do not spray on a naked flame or any incandescent material. This material is a static accumulator. Prevent accumulation of electrostatic charges. 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. Open drum carefully as content may be under pressure. Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage, including any incompatibilities No smoking. Keep away from heat, sparks, and open flames. Store away from sunlight. Store in a cool area, away from incompatible materials. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. Incompatible materials include, but not limited to: Acids. Strong oxidizing agents. Metals. Strong bases. Plastics. Nitrates.

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
tert-Butyl acetate	200 ppm CA ON AB BC: 50ppm (TWA), 200ppm (STEL)	Not established	200 ppm	Not established	200 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
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
Xylene	50 ppm CA ON: 100ppm (TWA); 150ppm (STEL)	150 ppm	100 ppm TWA	Not available	Not available
Naphtha (petroleum), hydrotreated heavy	175 ppm Not available	Not available	Not available	Not available	Not available
Ethylbenzene	100 ppm CA ON: 20ppm (TWA)	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm
2-Propanol, 1-methoxy-, acetate	50 ppm	75 ppm	Not established	Not established	Not established
Ethyl 3-Ethoxypropionate	Not established	Not established	Not established	Not established	Not established

PRODUCT: 13182 E-COAT DTM PRIMER 3 IN 1 (GRAY)**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	
Benzene, ethenylmethyl-	50 ppm	100 ppm			
	25 ppm (STEV)				
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
	CA ON: 50ppm (TWA), 150ppm (STEL)				
Siloxanes and silicones, di-Me, 3- hydroxypropyl Me, ethers with polyethylene glycol acetate	Not available	Not available	Not available	Not available	Not available
	Not available				
N-methyl pyrrolidone	Not Established	Not Established	Not Established	Not Established	Not Established
Naphtha, petroleum, hydrodesulfurized heavy	Not available	Not available	Not available	Not available	Not available
	Not available				
Carbon Black	3 mg/m3	Not established	3.5 mg/m3	Not established	3.5 mg/m3
	CA ON: 3 mg/m3 (Inhalable) TWA				
Chromium III Oxide	Not established	Not established	Not established	Not established	Not established
	Not available				
Cobalt bis(2-ethylhexanoate)	0.05 mg/cu.m.	0.05 mg/cu.m.	No data	No data	No data
	TLV Long-term value 0.02 mg/m3				

Personal Protective Equipment

Eye/type.....	Liquid chemical goggles. 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. No eating or drinking in application area.
Appropriate engineering controls.....	Local exhaust at points of emission. Ventilation system should be designed for vapors and explosion proof for handling solvent vapors.

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 applicable.
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).
Aerosol Flame Projection.....	>15 cm and <100 cm.
Flashback.....	No.
Upper flammable limit (% vol).....	2.0. (Propellant).
Lower flammable limit (% vol).....	9.5. (Propellant).

PRODUCT: 13182 E-COAT DTM PRIMER 3 IN 1 (GRAY)**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Decomposition temperature.....	Not available.
Partition coefficient — n-octanol/water.....	Not available.
Viscosity.....	Not available.
% Weight Volatile (VOC).....	Greater than 30%.
Total MIR.....	0.78.

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.
Conditions to avoid, including static discharge, shock or vibration	Heat, sparks and open flames. Store at temperatures below flashpoint. Conditions to avoid, including static discharge, shock or vibration.
Incompatible materials.....	Acids. Metals. Strong acids. Strong bases. Nitrates. Plastics.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur. Vapours may form explosive mixture with air.
Hazardous decomposition products.....	May include but not limited to: Acetic acid. 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
tert-Butyl acetate	>2,230 mg/m3 4 hours rat	4,100 mg/kg (rat, oral); >2,000 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)
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)
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Naphtha (petroleum), hydrotreated heavy	>8500 mg/m3 (rat, 4 hr)	>6000 mg/kg (oral, rat)
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
2-Propanol, 1-methoxy-, acetate	Not Available	8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit
Ethyl 3-Ethoxypropionate	>998 ppm 6 hours	4,309 mg/kg rat oral 4,080 mg/kg rabbit dermal
Benzene, ethenylmethyl-	Not available	Not available
n-Butyl Acetate	>33 mg/L vapour, 5.2 mg/L (rat) dust/mist	10760 mg/kg (rat, oral) 14112 mg/kg (rabbit, dermal)
Siloxanes and silicones, di-Me, 3- hydroxypropyl Me, ethers with polyethylene glycol acetate	Not available	Not available
N-methyl pyrrolidone	No Data	3600 mg/kg (oral, rat)
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
Carbon Black	Not available	>10,000 mg/kg (oral rat) 3,000 mg/kg (dermal rabbit)
Chromium III Oxide	Not available	Not available
Cobalt bis(2-ethylhexanoate)	No data	1220-1550 mg/kg (oral, rat)
Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion.	
Effects of acute exposure.....	Harmful in contact with skin. Harmful if inhaled.	
Aspiration Hazard.....	May be fatal if swallowed and enters airways.	
Serious eye damage/eye irritation.....	Causes serious eye damage.	
Skin corrosion/irritation.....	Causes skin irritation.	
Skin Sensitization.....	May cause an allergic skin reaction.	

PRODUCT: 13182 E-COAT DTM PRIMER 3 IN 1 (GRAY)**SECTION 11: TOXICOLOGICAL INFORMATION**

Respiratory Sensitization.....	Not expected to be a respiratory sensitizer.
Carcinogenicity.....	Carbon black - Group 2B. Ethylbenzene is Group 2B: Possibly carcinogenic to humans. Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity 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.
Mutagenicity.....	No component of this product present at levels greater than or equal to 0.1% .
STOT-SE.....	May cause drowsiness or dizziness. May cause respiratory irritation.
STOT-RE.....	May cause damage to the organs through prolonged or repeated exposure. .

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	Do not allow product to enter drains, sewers, bodies of water or soil. Very toxic to aquatic life with long lasting effects.
Bioaccumulative potential.....	No product data available.
Mobility in soil.....	No product data available.
Persistence and degradability.....	No product data available.
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.....	On Domestic Substances List (DSL).
National Pollutant Release Inventory (NPRI).....	(CAS # 64742-89-8 (Cat 5)). (CAS # 1330-20-7 (CAT 1A &5)). (CAS # 100-41-4 (CAT 1A)). (CAS # 108-65-6 (CAT 5)). (CAS # 64742-48-9 (CAT 5)). (CAS # 872-50-4 (CAT 1A)).
Environmental Emergency Regulations....	Xylene (CAS # 1330-20-7) Part 1. Ethylbenzene (CAS # 100-41-4) Part 1.
Categorization of the DSL.....	(CAS # 64742-89-8). (CAS # 64742-49-0). (CAS # 100-41-4). (CAS # 1333-86-4). (CAS # 1308-38-9). (CAS # 64742-48-9). (CAS # 70914-12-4). (CAS # 872-50-4). (CAS # 64742-82-1). (CAS # 540-88-5).
New Substances Risk Assessment Summary.....	(CAS # 136-52-7).
CEPA Schedule 1 and Certain Substances (Part 2 of Schedule 1).....	(CAS # 136-52-7).
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 known.
Section 311/312 - hazard categories.....	Immediate health, delayed health, fire hazard.
Section 313.....	Ethylbenzene. Xylene.
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.

PRODUCT: 13182 E-COAT DTM PRIMER 3 IN 1 (GRAY)

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.

NFPA Storage Level..... Level 2.
Date of the latest revision of the safety .. 2024-12-05
data sheet