

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

PRODUCT: PRODUCTION PRIMER 2K URETHANE PRIMER SURFACER BLACK --LOW COST HIGH VOC

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

Initial supplier identifier..... Pro Form Products Ltd. 604 McGeachie Drive

Milton, Ontario L9T3Y5

Tel (905) 878-4990 Fax (905) 878-1189

PRODUCTION PRIMER 2K URETHANE PRIMER SURFACER BLACK -- LOW COST Product identifier.....

HIGH VOC

Recommended use and restrictions on ...

Hazard Classification.....

Paints. No restrictions on use known.

Chemical family.....

Mixture. Health: 2 Fire: 3 Reactivity: 0.

NFPA rating..... HMIS.....

H: 2 F: 3 R: 0.

24 hour emergency number:.....

For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300.

\*\* For medical emergencies contact your local poison control centre \*\*.

#### **SECTION 02: HAZARD IDENTIFICATION**



Flammable Liquid 2. Aspiration Toxicity 1. Carcinogenicity — Category 1. Serious Eye Damage — Category 1. Skin Corrosion — Category 1. Corrosive to metals 1. Skin Irritation — Category 2. Eye Irritation — Category 2A. Reproductive Toxicity — Category 2. Acute Toxicity (Dermal) — Category 3. Acute Toxicity (Inhalation) — Category 3. Acute Toxicity (Oral) — Category 4. Germ Cell Mutagenicity 2. Specific Target Organ Toxicity — Single Exposure — Category 3. (respiratory system). (narcotic effects). Specific Target Organ Toxicity — Repeated Exposure — Category 2. (liver, kidney, central nervous system). (Auditory system). (eyes). Aquatic Acute 1. Aquatic Chronic 1. Signal Word..... DANGER. H225 Highly flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if Hazard Description..... swallowed and enters airways. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H341 Suspected of causing genetic defects. H350 This product contains ingredients that may cause cancer. H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. 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, Prevention..... open flames and hot surfaces. No smoking. P233 Keep container tightly closed. 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. P260 Do not breathe mist, vapours, or spray. 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. P273 Avoid release to the environment. P280 Wear protective gloves and eye protection. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and Response ..... follow instructions provided by the centre. P301 + P312 If swallowed call a poison control centre. P301 + P330 + P331 If Swallowed: Rinse mouth. Do NOT induce vomiting. P302 + P352 - If on skin: wash with plenty of water. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . 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.

# **SECTION 02: HAZARD IDENTIFICATION**

Response	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. P311 Call a POISON CENTRE or doctor. 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. P330 Rinse mouth. P331 Do NOT induce vomiting. P332 + P313 - If skin irritation occurs get medical attention or advice. P337 + P313 - If eye irritation persists get medical attention. P361 + P364 Take off immediately all contaminated clothing and wash it before reuse. P362 + P364 - Take off contaminated clothing and wash before reuse. P363 - Wash contaminated clothing before reuse. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P391 Collect spillage.
Storage	P403 + P233 Store in a well ventilated area. Keep container tightly closed. P403 + P235
	Store in well ventilated area. Keep cool. P405 Store locked up.
Disposal	P501 Dispose all unused, waste or empty containers in accordance with local regulations.
Other hazards	None known.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	CAS#	WT. %	
Talc	14807-96-6	10-30	
Crystalline Silica	14808-60-7	0.1-1	
Xylene	1330-20-7	10-30	
Calcium Carbonate	1317-65-3	10-30	
Butyl Acetate	123-86-4	5-10	
Toluene	108-88-3	5-10	
Ethylbenzene	100-41-4	3-10	
Methyl N-Amyl Ketone	110-43-0	1-5	
Methyl isobutyl ketone	108-10-1	1-5	
Carbon Black	1333-86-4	1-5	
Calcium borate	13701-64-9	0.1-1	
Castor oil, sulfated, sodium	68187-76-8	0.1-1	
Cumene	98-82-8	0.1-1	
Distillates (Petroleum) Hydrotreated Light	64742-47-8	0.1-1	
Petroleum (highly purified)	8009-03-8	0.1-1	
Dibutyltin Bis (Acetylacetonate)	22673-19-4	0.1-1	
2,4-Pentanedione	123-54-6	0.1-1.0	
Phosphoric Acid	7664-38-2	0.1-1	
Calcium carbonate	471-34-1	0.1-1	
< <the a="" actual="" as="" concentration(s)="" td="" tr<="" withheld=""><td>rade secret&gt;&gt; .</td><td></td><td></td></the>	rade secret>> .		

Ethyl Benzene & Cumene are in the product which present a health or environmental hazard.

\*NOTE\*

#### **SECTION 04: FIRST-AID MEASURES**

In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at Eve contact..... least 15 minutes. Get medical attention immediately.
Wash using plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, seek medical attention.

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is Inhalation..... difficult, give oxygen, obtain medical attention. If ingestion is suspected, contact physician or poison control center immediately. Do not Ingestion..... induce vomiting. Drink plenty of water. 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, ..... Difficulty breathing. May cause an allergic skin reaction. Dermatitis. Rash. Causes eye whether acute or delayed irritation. Treat victims symptomatically. In the event of an incident involving this product ensure that Additional information.....

www.trivalent.com

medical authorities are provided a copy of this safety data sheet.

### **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 resistant foam. Carbon dioxide. Dry chemical. Water spray.

Do not use solid water streams or water jet.

Do not allow run-off from fire fighting to enter drains or water courses. Vapors may form explosive mixture in air. May produce hazardous fumes. Hazardous products may include but not limited to:. Oxides of carbon (CO, CO2). Unburned hydrocarbons. Silicon oxide. Metal oxides. Sulfur Oxides. Oxides of calcium. Oxides of boron. Oxides of phosphorous. Toxic fumes. Silica 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. Keep run-off water from entering sewers and other waterways. Dike for water control. Use water spray to cool containers. Dispose of all runoff water as hazardous waste.

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

Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours. Avoid skin and eye contact with vapors. Ensure adequate ventilation. Remove all sources of ignition. Ventilate area. Vapours can accumulate in low areas. Vapors can form explosive mixture in air. Do not touch spilled material. 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

Environmental precautions.....

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. Soak up with inert material. Keep in suitable container for disposal. Clean up any residual material with absorbent and dispose of as hazardous

#### **SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling.....

Keep away from heat, sparks, and open flame. Use non sparking tools. Electrostatic charges may be generated during pumping. Ensure that equipment is properly bonded and grounded during filling and transferring as product may become electrostatically charged. Avoid all skin contact. Handle with care. Avoid breathing vapours or mist. Ventilate adequately, otherwise wear an appropriate breathing apparatus. Employees should wash hands and face before eating or drinking. Avoid smoking, drinking or eating in use area. Dispose of rinse water according to local, Provincial and Federal guidelines. Handle in accordance with good industrial hygiene and safety practices.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks, and open flames. Keep container closed when not in use. Store away from incompatible materials. Store away from sunlight. Store at ambient temperatures.

# SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA AC	CGIH TLV STEL	OSHA PEL PEL STEL		NIOSH REL	
Talc	2 mg/m3	Not available	2 mg/m3 TWA	Not available	2 mg/m3	
	CA ON: 2mg/kg (	TWA)	· ·		•	
Crystalline Silica	0.025 mg/m3	Not available	0.1 mg/m3 TWA	Not available	0.05 mg/m3	
	CA ON: 0.025 mg	g/m3 Respirable				
Xylene	50 ppm	150 ppm	100 ppm TWA	Not available	Not available	
	CA ON: 100ppm	(TWA); 150ppm (STEL)				
Calcium Carbonate	Not available	Not available	5 mg/m3	Not available	5 mg/m3	
	Not available					
Butyl Acetate	150 ppm	200 ppm	150 ppm	200 ppm vacated	150 ppm - STEL 200 ppm	
	CA ON: 50ppm (7	ΓWA), 150 ppm (STEL)				
Toluene	20 ppm	Not available	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm	
	CA ON: TWA: 20	ppm				
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm	



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

INGREDIENTS	TWA	CGIH TLV STEL	OSH PEL	A PEL STEL	NIOSH REL
	CA ON: 20ppm (	TWA)			
Methyl N-Amyl Ketone	50 ppm	Not available	100 ppm	465 mg/m3 TWA	Not available
	* *	115 mg/m3 (TWA)	• •	· ·	
Methyl isobutyl ketone	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	3 (Inhalable) TWA			
Calcium borate	Not available	Not available	TLV inhalable dust: 15 mg/m³ OSHA	TLV respirable dust: 5 mg/m³ OSHA	Not available
	Not available				
Castor oil, sulfated, sodium	Not available	Not available	Not available	Not available	Not available
	Not available				
Cumene	TWA 50 ppm	Not available	TWA 50 ppm	Not available	TWA 50 ppm
	5 mg/m3				
Distillates (Petroleum) Hydrotreated Light	1200 mg/m3	197 ppm	Not available	Not available	Not available
D ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	CA BC: 200mg/n	,		N	N
Petroleum (highly purified)		Not available	Not available	Not available	Not available
Dibartatia Dia	Not available	Net southble	Niet errellele	Net coelleble	Niet erreliebte
Dibutyltin Bis (Acetylacetonate)	Not available	Not available	Not available	Not available	Not available
2.4 Dentenadions	Not available	Not available	Not available	Not available	Not available
2,4-Pentanedione	Not available Not available	NOT available	NOI available	NOI available	Not available
Phosphoric Acid	1 mg/m3	3 mg/m3	1 mg/m3	3 mg/m3	1 mg/m3
T Hospitotic Acid	-	B(TWA), 3 mg/m3(STEL)	i ilig/ilio	3 mg/m3	1 mg/m3
Calcium carbonate	Not available	Not available	Not available	Not available	TWA (respirable) 5 mg/m3
					TWA (total) 10 mg/m3
	Not available				
Appropriate engineering	controls	Provide natural or mech exposure limits. Local m contamination, such as gases and fumes that m ventilation (ie. ACGIH in adequate ventilation. Ex	nechanical exhaust vent open process equipment hay be emitted. Standar ndustrial ventilation) sho	tilation should be used a nt, or during purging op d reference sources rec ould be consulted for gu	at sources of air erations, to capture garding industrial
Personal Protective Equi	ipment	Chemical safety goggle	· s and full faceshield if a	splash hazard exists. (	Consult your
Gloves/ type		personal protective equ Wear skin protection eq the nature of the work to	uipment. The selection be performed. Consul	of skin protection equip	ment depends on
Clothing/type		supplier for additional re Wear adequate protecti additional recommenda	ve clothes. Consult you tions.		
Footwear/type		Safety boots per local readditional recommenda	egulations. Consult you	r personal protective eq	uipment supplier for
Respiratory/type		Local exhaust ventilatio when contaminant level protective equipment su	n is recommended. We s exceed the recommer	nded exposure limits. C	erly fitted respirator onsult your personal
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.			oyees should wash s.	

### **SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

# **SECTION 10: STABILITY AND REACTIVITY**

Not reactive under normal conditions of use. Reactivity ..... Chemical stability..... Stable at normal temperatures and pressures. Possibility of hazardous reactions..... No dangerous reaction known under conditions of normal use. . Strong oxidizing agents. Aldehydes. Amines. Bases. Halogenated compounds. Metals. Nitrogen oxides. Oxidizing agents. Peroxides. Strong acids. Ammonia. Water. Cyanides . Incompatible materails.....

Hydrogen peroxide.

Conditions to avoid, including static ....... Avoid heat, spark, open flames. Contact with incompatible substances. discharge, shock or vibration

Hazardous decomposition products..... Calcium oxides. Carbon dioxide. Carbon monoxide.

#### **SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Talc	Not available	Not available
Crystalline Silica	Not available	>22,500 mg/kg (oral rat)
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Calcium Carbonate	Not available	6450 mg/kg rat oral
Butyl Acetate	390 ppm (4 hr)	10768 mg/kg oral rat 17600 mg/kg dermal rabbit
Toluene	8000ppm (rat inhalation) 400ppm mouse (inhalation 24hr)	5,000 mg/kg (rat ora)l; 12,124 mg/kg (rabbit dermal)
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal
Methyl N-Amyl Ketone	Not available	1,670 mg/kg rat oral 12,600 mg/kg rabbit dermal
Methyl isobutyl ketone	LC50 (Rat): 11.6 mg/l - 4 hr.	Not available
Carbon Black	Not available	>10,000 mg/kg (oral rat ) 3,000 mg/kg (dermal rabbit)
Calcium borate	Not available	Oral > 5000 mg/kg (rabbit) Dermal > 2000 mg/kg (rabbit)
Castor oil, sulfated, sodium	Not available	> 15,600 mg/kg orally (rat) > 2000 mg/kg dermal (rat)

# **SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50		LD50
Cumene	Not available		Not available
Distillates (Petroleum) Hydrotreated Light	>5.2 mg/L (4 hr.)		>5000 mg/kg (oral, rat), >2000 mg/kg (dermal, rabbit)
Petroleum (highly purified)	Not available		Not available
Dibutyltin Bis (Acetylacetonate)	Not available		1864 mg/kg (oral, rat)
2,4-Pentanedione	1224 ppm (4 hr., ra (4 hr., rat)	). 5.1 mg/L	573 mg/kg (rat oral). 790 mg/kg (rabbit dermal)
Phosphoric Acid	1.689 mg/L 1 hour	abbit	1,530 mg/kg rat oral 2,740 mg/kg rabbit dermal
Calcium carbonate	Not available		Not available
Route of exposure	<ul> <li>Eye contact. Skin contact. Inhalation.</li> <li>Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Harmful in contact with skin. May cause an allergic skin reaction. Contact with eyes may cause irritation. Harmful if swallowed.</li> <li>Prolonged inhalation may be harmful.</li> <li>May be fatal if aspired into the airways.</li> <li>Irritating to the eyes.</li> <li>Causes skin irtitation.</li> <li>Not classified.</li> <li>Carbon black has been shown to cause cancer in laboratory animals. The relevance of this finding to humans is uncertain. It is listed as a carcinogen by the International Agency for</li> </ul>		
Reproductive effects	Research on Cancer (IARC) Suspected of damaging fertility or the unborn Not available. Central nervous system. Certain components components are known to cause respiratory Target organs:. Kidney. Liver. Central nervous	are know to h	

# **SECTION 12: ECOLOGICAL INFORMATION**

Bioaccumulative potential Mobility in soil Persistence and degradability	Not available as a product. Not available as a product.
Other adverse effects	None known.

# **SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal . Dispose of waste in accordance with all applicable Federal, Provincial/State and local and methods of disposal, including any contaminated packaging

# **SECTION 14: TRANSPORT INFORMATION**

UN number	
Shipping name	
Class	3.
Packaging group	II.
Exemptions	This product meets the Limited Quantity exemption when packaged in containers less than
	5 liters.
DOT Classification (Road)	UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - Ltd Qty (1 litre).
	Refer to 49CRF 172.101 for additional non-bulk packaging requirements.
IATA Classification (Air)	UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II. Limited Quantity. Do
	not ship by air without checking appropriate IATA regulations.
IMDG Classification (Marine)	UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - EmS: F-E S-E.
	Limited Quantity. Check IMDG regulations for limited quantity exemptions.
Marine Pollutant	Potential marine pollutant.
Proof of Classification	This product has been classified in accordance with DOT and Canada's Part 2 of the
	Transportation of Dangerous Goods regulations.

# **SECTION 15: REGULATORY INFORMATION**

All substances are on the DSL or are exempt. CEPA status..... 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 # 100-41-4). (CAS # 98-82-8). (CAS # 108-10-1). (CAS # 64742-47-8). (CAS # 8009-03-8). (CAS # 7664-38-2). (CAS # 14807-96-6). (CAS # 14808-60-7). (CAS # 1333-86-4). (CAS # 108-88-3). National Pollutant Release Inventory (NPRI)Some components are subject to reporting under NPRI. Please check your responsibility. (CAS # 1330-20-7 (CAT 1A &5)). (CAS # 100-41-4 (CAT 1A)). (CAS # 98-82-8 (CAT 1A)). (CAS # 108-10-1 (CAT 1A & 5)). (CAS # 64742-47-8 (CAT 5)). (CAS # 108-88-3 (CAT 1A) Environmental Emergency Regulations.... Some components of this product are on the Environmental Emergency Regulations and may require additional reporting. (CAS # 1330-20-7). (CAS # 100-41-4). (CAS # 108-88-3). 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 ........ None. substances Section 311/312 - hazard categories....... Immediate health, delayed health, fire hazard. Cumene. Ethylbenzene. Xylene. Methyl Isobutyl Ketone. Phosphoric Acid. Toluene. Cumene. Ethylbenzene. Xylene. Toluene. Methyl Isobutyl Ketone. Section 313..... EPA hazardous air pollutants (HAPS) ...... 40CFR63 California Proposition 65..... \*\*\* ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer . (Cumene (C)). (Ethylbenzene (C)). (Methyl Isobutyl Ketone (C)). (Carbon black (C)). \*\*\*! WARNING: This product can expose

you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Methyl Isobutyl Ketone (D)). (Toluene(D)). more information, go to www.P65Warnings.ca.gov.

#### SECTION 16: OTHER INFORMATION

REGULATORY AFFAIRS. Prepared by: ..... (800) 387-7981. Telephone number:..... DISCLAIMER: All information appearing herein is based upon data obtained from Disclaimer:..... 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.

2022-11-30. 2023-09-15

Date of the latest revision of the safety ...

data sheet