

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

PRODUCT: 13300 POLYESTER PRIMER SURFACER BUFF

SECTION 01: Chemical product and company identification

Manufactured for..... Pro Form Products Ltd. 604 McGeachie Drive

Milton, Ontario L9T3Y5

Primer.

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

13300 POLYESTER PRIMER SURFACER BUFF

Product name..... Recommended use and restrictions on use... Chemical family..... NFPA rating.....

Mixture. Health: 2 Fire: 3 Reactivity: 1.

H: 2 F: 3 R: 0.

HMIS..... IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC) - IN THE UNITED STATES 24 hour emergency number:....

CALL CHEMTREC 1-800-424-9300.

SECTION 02: Hazards identification



Signal Word	DANGER.
Hazard Classification	
Hazard Description	
	airways. H332 Harmful if inhaled. H350 This product contains ingredients that may cause
	cancer. H372 Causes damage to the liver and kidneys through prolonged or repeated
Dravantian	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. 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. P280 Wear protective gloves and eye protection. P261 Avoid breathing
	mists, vapours and sprays. P271 Use only outdoors or in a well ventilated area. P260 Do
	not breathe mist, vapours, or spray. P264 Wash hands thoroughly after handling.
Response	P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately.
	Rinse thoroughly with water and use safety shower . P370 + P378 In case of fire - use dry
	chemical powder, CO2 or foam to extinguish. P301 + P310 If swallowed IMMEDIATELY
	CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331
	Do NOT induce vomiting. P304 + P340 - If inhaled remove person to fresh air and keep
	comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P308 +
	P313 If exposed or concerned, get medical advice/attention. P314 - Get medical advice/attention if you feel unwell.
Storage	
Disposal	P501 Dispose all unused, waste or empty containers in accordance with local regulations.
Dioposai	i do i biopode dii diidded, waste di empty containers in accordance with local regulations.

SECTION 03: Composition/Information on Ingredients				
HAZARDOUS INGREDIENTS CAS # WT. %				
Talc	14807-96-6	20-35		
Styrene	100-42-5	15-30		
Ethyl Acetate	141-78-6	5-10		
Titanium Dioxide	13463-67-7	1-3		
Crystalline silica	14808-60-7	0.1-1		

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SECTION 04: First aid measures

In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Obtain medical attention. Eye contact..... 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. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is Inhalation..... 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.
Treat victims symptomatically. In the event of an incident involving this product ensure that Additional information..... medical authorities are provided a copy of this safety data sheet.

SECTION 05: Fire fighting measures

 "Alcohol" foam, CO2, dry chemical. Oxides of carbon (CO, CO2).

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.....

Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. 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. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Shovel into suitable unsealed containers, transport to well-ventilated area (outside) and treat with neutralizing solution: mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%); or water (90%), concentrated ammonia (3-8%) and detergent (2%).

SECTION 07: Handling and storage

Handling procedures.....

Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid breathing vapours or mist. Ground handling equipment. Handle and open container with care. Employees should wash hands and face before eating or drinking. Keep away from heat, sparks, and open flame.

Storage needs...

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 ACGI	H TLV STEL	OSH <i>A</i> PEL	A PEL STEL	NIOSH REL
Talc	2 mg/m3	Not established	2 mg/m3 TWA	3 mg/m3 - QUE	Not established
Styrene	20 ppm	40 ppm	100 ppm	Not established	100 ppm
Ethyl Acetate	400 ppm	Not established	400 ppm	Not established	400 ppm
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established	Not established
Crystalline silica	Not Established	Not Established	Not Established	Not Established	Not Established
Protective equipment Eye/type		Liquid chemical goggle Chemical resistant glov Local exhaust ventilation when contaminant leve Wear adequate protect Safety boots per local r Emergency showers ar	ves. on is recommended. Wels exceed the recomming ive clothes. regulations.	ended exposure limits.	perly fitted respirator

PRODUCT: 13300 POLYESTER PRIMER SURFACER BUFF

SECTION 08: Exposure controls / personal protection

Appropriate engineering controls...... Provide natural or mechani

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..... Paste. Colour..... Beige. Odour..... Hydrocarbon odour. Odour threshold (ppm)..... Not available. Vapour pressure (mm Hg)..... Not available. Vapour density (air=1)..... No data. Relative Density (Specific Gravity)..... 1.50 - 12.52 lg/USG. Not applicable. pH..... Melting / Freezing point (deg C)..... Not Available. Solubility..... Slightly soluble in water. Initial boiling point / boiling range (deg C)..... 64.7. Not available. 4.4 Closed Cup. Auto ignition temperature (deg C)..... 210°C. Upper flammable limit (% vol)...... Lower flammable limit (% vol)..... 5.0. 0.8. Coefficient of water\oil distribution..... Not available. VOC..... 1.62 lb/USG. 16-1800 cPs Spindle #4 @ 20 rpm.

SECTION 10: Stability and reactivity

SECTION 11: Toxicological information

INGREDIENTS		LC50	LD50
Talc		Not available	Not available
Styrene	:	2770 ppm 4 hr rat	5000 mg/kg rat oral
Ethyl Acetate		16,000 ppm 6 hours rat	5,600 mg/kg rat oral
Titanium Dioxide		Not Available	> 10,000 mg/kg rat oral > 10,000 mg/kg rabbit dermal
Crystalline silica		Not Available	Not Available
Route of entry Effects of acute exposure		act. Inhalation. skin or eye irritation. Slightly hazard ungs and the digestive tract, and ad	
Effects of chronic exposure			
Carcinogenicity of material	Quartz (Crystalline Silic classified by IARC as a	ca) is listed by IARC in Group 1 as a Group 2B carcinogen. Oral studic eased incidence of lung tumours.	a carcinogen Styrene is
Mutagenicity	Styrene has induced m	nutagenic effects in several in vitro	assay systems.

SECTION 12: Ecological information



PRODUCT: 13300 POLYESTER PRIMER SURFACER BUFF

SECTION 13: Disposal considerations

Empty containers must be handled with care due to product residue. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations.

SECTION 14: Transport information

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

WHMIS 1988 classification...... B2. D2A. D2B.

CEPA status...... On Domestic Substances List (DSL).

TSCA inventory status...... All components are listed.

Section 302 - extremely hazardous None.

Proof of Classification.....

whatarasa

substances

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

Section 313..... Styrene. Methanol.

EPA hazardous air pollutants (HAPS) Styrene. Ethyl acetate. Methanol.

40CFR63
California Proposition 65......**WARNING: This product conta

*WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. Methanol. *WARNING: This product contains a chemical known to the State of California to cause cancer. Styrene. Crystalline silica . Carbon black.

SECTION 16: Other information

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: SEP 09/2016

Powered by



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

PRODUCT: LIQUID HARDENER

SECTION 01: Chemical product and company identification

Pro Form Products Ltd. Manufactured for..... 604 McGeachie Drive

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

LIQUID HARDENER Product name.....

Recommended use and restrictions on use.. Accelerator and activator. This product should not be used for any other purpose other

than the ones described in this section.

Chemical family..... Organic peroxide. Health: 3 Fire: 1 Reactivity: 2.

NFPA rating.....

H: 3 F: 1 R: 2. HMIS.....

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..... Organic Peroxides Type D. Acute Toxicity 4. Skin corrosion 1. Eye Irritant 1. H242 Heating may cause a fire. H302 Harmful if swallowed. H314 Causes severe skin Hazard Description..... burns and eye damage. H318 Causes serious eye damage. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P234 Prevention..... Keep only in original packaging. P235 Keep cool. P240 Ground and bond container and receiving equipment. P280 Wear protective gloves and eye protection. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. P260 Do not breathe mist, vapours, or spray. P301 + P330 + P331 If Swallowed: Rinse mouth. Do NOT induce vomiting. P310 -Response Immediately call your local poison control centre. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P363 - Wash contaminated clothing before reuse. 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. P321 - For specific treatment see section 4 on this SDS. P403 Store in a well ventilated area. P411 Store at temperatures not exceeding 60°C / Storage..... 140°F. P420 Store separately. P405 Store locked up. P501 Dispose all unused, waste or empty containers in accordance with local regulations. Disposal.....

SECTION 03: Composition/Information on Ingredients			
HAZARDOUS INGREDIENTS	CAS#	WT. %	
Methyl ethyl ketone peroxide	1338-23-4	30-35	
Methyl Ethyl Ketone	78-93-3	5-10	
Hydrogen peroxide	7722-84-1	5-10	

SECTION 04: First aid measures

least 15 minutes. Get medical attention immediately. 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. Obtain medical attention immediately.



PRODUCT: LIQUID HARDENER

SECTION 04: First aid measures

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is Inhalation..... difficult, give oxygen, obtain medical attention. 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 Ingestion..... prevent aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person. Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. In the event of an incident involving this Additional information..... product ensure that medical authorities are provided a copy of this safety data sheet.

SECTION 05: Fire fighting measures

Suitable and unsuitable extinguishing media Hazardous combustion products..... Special fire fighting procedures.....

Unusual fire / explosion hazards.....

"Alcohol" foam, CO2, dry chemical. Water fog. Do not use water in a jet. Oxides of carbon (CO, CO2). Ethane and Methane.

Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Fight fire like a fuel oil fire. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.

During a fire, irritating and toxic gases and aerosols may be generated by thermal decomposition and combustion.

SECTION 06: Accidental release measures

Keep away from heat, sparks and flames. Avoid breathing vapours and skin contact. Remove sources of ignition if combustible or flammable vapours may be present and Leak/spill..... ventilate area. Evacuate all non-essential personnel. Use a self contained breathing apparatus. Contain the spill. 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. Prevent material from contaminating soil and from entering sewers,

waterways or low areas.

SECTION 07: Handling and storage

Keep away from heat, sparks, and open flame. Ground handling equipment. Avoid all skin Handling procedures..... contact and ventilate adequately, otherwise wear an appropriate breathing apparatus.

Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Avoid breathing vapours or mist. Handle and open container with care. Employees should wash hands and

face before eating or drinking.

Keep away from heat, sparks, and open flames. Keep container closed when not in use.

Store in a cool dry place away from organic materials.

SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA ACG	IH TLV STEL	OSH/ PEL	A PEL STEL	NIOSH REL
Methyl ethyl ketone peroxide	0.2 ppm (ceiling)	Not Established	Not Established	Not Established	Not Established
Methyl Ethyl Ketone	200 ppm	300 ppm	200 ppm	Not established	200 ppm TWA
Hydrogen peroxide	1 ppm	Not Established	1 ppm TWA; 1.4 mg/m3 TWA	Not Established	1 ppm TWA; 1.4 mg/m3 TWA; 75 ppm IDLH
Eye/type Gloves/ type Clothing/type Footwear/type Respiratory/type		exists. Chemical resistant gloves. Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure. Safety boots per local regulations. Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator			prevent dermal
Other/type		proximity.			

PRODUCT: LIQUID HARDENER

SECTION 09: Physical and chemical properties

SECTION 10: Stability and reactivity

SECTION 11: Toxicological information

INGREDIENTS	LC50		LD50
Methyl ethyl ketone peroxide	200 ppm (4hr, ra mouse)	t) 170 mg/l (4hr,	6.86 ml/kg (rat, oral) 500 mg/kg (rabbit, dermal)
Methyl Ethyl Ketone	>5,000 ppm (6 h ppm (45 minutes		3,400 mg/kg (rat, oral) >8000 mg/kg (rabbit, dermal) 670 mg/kg (mouse, oral)
Hydrogen peroxide	No data		No data
Acute Toxicity EstimateRoute of entryEffects of acute exposure	ATE (mix) oral: 1429 mg/kg. ATE (mix) Eye contact. Skin contact. Inhalation. In Corrosive to eyes. Contact with eyes ca Contact with skin can cause severe irrit respiratory irritation, dizziness, weaknes unconsciousness, and asphyxiation. If i gastrointestinal irritation, nausea, vomit throat, esophagus, and stomach. Aspira pneumonitis which can be fatal.	ngestion. an cause severe irrestion. Inhalation of ss, fatigue, nauseangested, this proding, and diarrhea.	ritation. May cause eye damage. f vapours can cause nasal and a, headache, possible uct may be absorbed and result in May cause burns of the mouth,
Effects of chronic exposure	Prolonged or repeated overexposure camembranes. May aggravate pre-existin damage. Extended exposure to MEKP	g skin and eye dis	orders. May cause respiratory
Carcinogenicity of material	IARC has classified Hydrogen Peroxide carcinogenicity to humans.		
Reproductive effects	No known reproductive effects.		

SECTION 12: Ecological information

SECTION 13: Disposal considerations

Waste disposal...... Empty containers must be handled with care due to product residue. Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations.



PRODUCT: LIQUID HARDENER

SECTION 14: Transport information

TDG Classification	UN3105 - ORGANIC PEROXIDE TYPE D, LIQUID, Class 5.2, PGII. Limited Quantity Index: 0.125 L.
DOT Classification (Road)	
IATA Classification (Air)	Organic Peroxide Type D, Liquid (Methyl Ethyl Ketone Peroxide) - Class 5.2 - UN3105 - PGII.
IMDG Classification (Marine)	Organic Peroxide Type D, Liquid (Methyl Ethyl Ketone Peroxide) - Class 5.2 - UN3105 - PGII.
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

On Domestic Substances List (DSL). TSCA inventory status..... All components are listed. This product is considered hazardous under the OSHA Hazard Communication Standard. SARA Title III Section 302 - extremely hazardous Hydrogen Peroxide (CAS 7722-84-1). substances Section 311/312 - hazard categories..... Immediate health, delayed health. Fire hazard. Pressure. Reactive. Section 313..... None. EPA hazardous air pollutants (HAPS) None. 40CFR63 California Proposition 65..... This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity.

SECTION 16: Other information