

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

PRODUCT: PF688CFKIT CLEARCOAT KIT CONTAINS PF688C,PF690C

&PBC3001-4

SECTION 01: IDENTIFICATION

PF688CFKIT CLEARCOAT KIT CONTAINS PF688C.PF690C &PBC3001-4 Product identifier.....

Other means of identification

Chemical family..... Mixture. Recommended use and restrictions on ... Paint related materials.

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

Milton, Ontario L9T3Y5

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

For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC); 24 hour emergency number:.....

IN THE UNITED STATES CALL CHEMTRÉC 1-800-424-9300.

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

NFPA rating...... Health: 2 Fire: 4 Reactivity: 0.

HMIS...... H: 2 F:4 R: 0.

SECTION 02: HAZARD IDENTIFICATION



Hazard Classification..... Flammable Liquid 2. Skin Corrosion/Irritation — Category 2. Sensitization - Skin -Category 1. Serious Eye Damage/Eye Irritation — Category 2A. Specific Target Organ Toxicity — Single Exposure — Category 3. (CNS). Reproductive Toxicity — Category 2. Carcinogenicity — Category 2. Aquatic Acute 1. Aquatic Chronic 1. Signal Word..... DANGER. Hazard Description..... H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic škin reaction. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 This product contains ingredients that are suspected of causing cancer. H361 Suspected of damaging fertility or the unborn child. H400 Very toxic to aquatic life. H410 Very toxic to 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. 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. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P271 Use only outdoors or in a well workplace. P273 Avoid release to the environment. P271 Use only outdoors or in a well ventilated area. P280 Wear protective gloves and eye protection.

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. 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. P321 - For specific treatment see section 4 on this SDS. P332 + P313 - If skin irritation occurs get medical attention or advice. P333 + Response 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. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P391 Collect spillage.
P403+P433+P435 Store in a well ventilated area. Keep container tightly closed. Keep cool. Storage..... P405 Store locked up. P501 Dispose all unused, waste or empty containers in accordance with local regulations. Disposal..... Other hazards..... None known.



PRODUCT: PF688CFKIT CLEARCOAT KIT CONTAINS PF688C,PF690C

&PBC3001-4

SECTION 02: HAZARD IDENTIFICATION

This product mixture has been classified based on its ingredients.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	CAS#	WT. %	
4-Chlorobenzotrifluoride	98-56-6	30-60	
Acetone	67-64-1	10-30	
n-Butyl Acetate	123-86-4	10-30	
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	82919-37-7	0.1-1	
Bis (1,2,2,6,6- Pentamethyl-4- Piperidyl) Sebacate	41556-26-7	0.1-1	
C7-C9 Branched Alkyl Esters	127519-17-9	0.1-1	
< <the a="" actual="" as="" concentration(s)="" secret="" trade="" withheld="">></the>			

SECTION 04: FIRST-AID MEASURES

Skin contact	Flush affected area with water for at least 15 minutes. Remove contaminated clothing and
Eye contact	launder before reuse. If irritation persists, seek medical attention. In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Remove contact lenses if safe to do so. Obtain 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. Rinse mouth with 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. If symptoms persist, immediately obtain medical help.
Most important symptoms and effects, whether acute or delayed	May cause respiratory irritation. Can cause skin sensitization. Causes skin and eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention	Treat symptomatically.
and special treatment needed, if necessary	
Additional information	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..... Unsuitable extinguishing media..... Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products Special protective equipment and precautions for fire-fighters

"Alcohol" foam, CO2, dry chemical. Water spray. Do not use solid water streams or water jet.

Extremely flammable. Hazardous combustion products may include but not limited to:. 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. Use water spray to cool containers. Do not allow run-off into drains, surface waters or ground waters.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipmer	nt No action shall be taken involving any personal risk or without suitable training. Avoid
and emergency procedures	breathing vapours. Evacuate personnel to a safe area. Ensure adequate ventilation.
	Remove all sources of ignition. Beware of vapours accumulating to form explosive
	concentrations. Vapours can accumulate in low areas. Wear appropriate personal
	protection equipment.
Environmental precautions	
	then inform authorities.
Methods and materials for containment .	Contain spilled material and then collect with non-combustible absorbent material, (e.g.

and cleaning up

sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling..... Extremely flammable. Avoid formation of aerosol. Do not spray on a naked flame or any incandescent material. Obtain special instructions before use. No smoking. Use in well



PRODUCT: PF688CFKIT CLEARCOAT KIT CONTAINS PF688C,PF690C &PBC3001-4

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling...... ventilated areas. Keep away from heat, sparks, and open flame. Ground handling equipment. 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. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. Handle and open container with care. Dispose of rinse water according to local, Provincial and Federal guidelines. Employees should wash hands and face before eating or drinking.

Conditions for safe storage, including any incompatibilities

Handle in accordance with good industrial hygiene and safety practices.

Keep away from heat, sparks, and open flames. Keep container closed when not in use. Use explosion proof equipment in areas where vapour concentrations can become ignitable. Store away from oxidizing and reducing materials. Store away from sunlight. Store in a cool and dry place, for product integrity. Do not cut, grind or weld on or near container, do not expose containers to heat, flame, sparks, static electricity, or other sources of ignition: the containers may explode and cause injury or death. Precautions should generally be taken against electrostatic charges according to the equipment used and the way the product is handled and packaged. Avoid sources of ignition. Electrical installations / working materials must comply with the technological safety standards. Incompatible materials include, but not limited to:. Strong oxidizing agents. Bases. Plastics. Rubber. Amines. Reducing agents. Strong bases. Oxidizing agents.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	CGIH TLV STEL	OSH	HA PEL STEL	NIOSH REL
INGREDIENTS	IVVA	SIEL	FEL	SIEL	NEL
4-Chlorobenzotrifluoride	Not established	Not established	Not established	Not established	Not established
Acetone	250 ppm TLV	500 ppm	1,000 ppm	Not established	250 ppm
	CA ON AB: 500p	pm (TWA); 750ppm (STEL	_)		
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
	CA ON: 50ppm (TWA), 150ppm (STEL)			
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-peridinyl ester	Not Established i	Not Established	Not Established	Not Established	Not Established
Bis (1,2,2,6,6- Pentamethyl-4- Piperidyl) Sebacate	Not established	Not established	Not established	Not established	Not established
C7-C9 Branched Alkyl Esters	Not established	Not established	Not established	Not established	Not established
Appropriate engineering	controls	Use local exhaust or general room ventilation sufficient to prevent overexposure. Explosion-proof exhaust ventilation.			
Personal Protective Equ	ipment				
Gloves/ type		Wear skin protection equi the nature of the work to l	be performed. Consu	n of skin protection equip ult your personal protectiv	ment depends on ve equipment
supplier for additional recommendations. Eye/type			f a splash hazard nal		
recommendations. Respiratory/type			s exceed the ment supplier for		
Clothing/type			uipment supplier for		
Footwear/type		safety boots. Consult	your personal protective	e equipment supplier	
Other/type Emergency showers and eye wash stations should be available. Employees should was their hands and face before eating, drinking, or using tobacco products.			oyees should wash s.		

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state	Liquid.
Colour	Colourless.
Odour	Aromatic.
Odour threshold (ppm)	Not available.
nH "'' /	Not available



PRODUCT: PF688CFKIT CLEARCOAT KIT CONTAINS PF688C,PF690C &PBC3001-4

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 10: STABILITY AND REACTIVITY

Avoid heat, sparks and flames. Chemical stability..... Stable at normal temperatures and pressures. Will not occur under normal temperature and pressure. Vapours may form explosive Possibility of hazardous reactions..... mixture with air. Avoid heat, spark, open flames. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Avoid electrostatic discharge. Conditions to avoid, including static discharge, shock or vibration

Incompatible materails..... Strong oxidizing agents. Bases. Plastics. Rubber. Amines. Oxidizing agents. Strong bases.

Reducing agents.

Hazardous decomposition products...... Carbon dioxide. Carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50	
4-Chlorobenzotrifluoride	4479 ppm	>6,800 mg/kg (rat oral); >2,700 mg/kg (rabbit dermal)	
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)	
n-Butyl Acetate	>33 mg/L vapour, 5.2 mg/L (rat) dust/mist	10760 mg/kg (rat, oral) 14112 mg/kg (rabbit, dermal)	
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	Not Available	3,230 mg/kg rat, oral	
Bis (1,2,2,6,6- Pentamethyl-4- Piperidyl) Sebacate	Not Available	2369-3920 mg/kg (oral rat), >2000 mg/kg (dermal rabbit)	
C7-C9 Branched Alkyl Esters	Not Available	>2,000 mg/kg oral rat >2,000 mg/kg dermal rat	
Symptoms related to the physical, chemical and toxicological characteristics	act. Inhalation. Ingestion.	concentrations may cause central	

Causes skin irritation.

fatigue.

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

Skin corrosion\irritation.....

nervous system depression such as drowsiness, headache, dizziness, vertigo, nausea and

PRODUCT: PF688CFKIT CLEARCOAT KIT CONTAINS PF688C,PF690C &PBC3001-4

SECTION 11: TOXICOLOGICAL INFORMATION

Respiratory Sensitization..... Not expected to be a respiratory sensitizer.

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

No component of this product present at levels greater than or equal to 0.1% is identified Carcinogenicity.....

as probable, possible or confirmed human carcinogen by IARC or ACGIH.

Suspected of damaging fertility or the unborn child. Reproductive effects.....

STOT-SE..... Central nervous system.

STOT-RE..... Not classified.

Aspiration Hazard..... Does not meet the criteria for this classification.

SECTION 12: ECOLOGICAL INFORMATION

Do not allow product to enter drains, sewers, bodies of water or soil. Ecotoxicity.....

Bioaccumulative potential..... Not available as a product. Mobility in soil..... Not available as a product. Persistence and degradability..... Not available as a product.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal. and methods of disposal, including any contaminated packaging

Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. Empty containers must be handled with care due to product residue.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... UN1263 - PAINT - Class 3 - Packing Group II - This product meets limited quantity

exemption when shipped in containers less than 5 litres.

UN1263 - PAINT - Class 3 - Packing Group II - Ltd Qty (5 Liter). DOT Classification (Road)..... Refer to 49CRF

172.101 for additional non-bulk packaging requirements.

IATA Classification (Air)..... UN1263 - PAINT - Class 3 - Packing Group II. Limited Quantity. Do not ship by air without

checking appropriate IATA regulations.
UN1263 - PAINT - Class 3 - Packing Group II - EmS: F-E S-E. Limited Quantity. Check IMDG Classification (Marine).....

IMDG regulations for limited quantity exemptions.

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

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

National Pollutant Release Inventory (NPRI) Environmental Emergency Regulations....

Some components of this product are on the Environmental Emergency Regulations and

may require additional reporting. Bis (1,2,2,6,6- Pentamethyl-4- Piperidyl) Sebacate (CAS #

41556-26-7) 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 #

41556-26-7). All components are either listed or exempt from the TSCA... TSCA inventory status.....

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....... Immediate health, delayed health, fire hazard.

Section 313..... None. EPA hazardous air pollutants (HAPS) None.

40CFR63

California Proposition 65..... *WARNING: This product contains a chemical known to the State of California to cause

cancer. (4-Chlorobenzotrifluoride). For more information, go to

www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

Prepared by: REGULATORY AFFAIRS.

(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



PRODUCT: PF688CFKIT CLEARCOAT KIT CONTAINS PF688C,PF690C &PBC3001-4

SECTION 16: OTHER INFORMATION

Disclaimer:	suffic

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

2024-10-08





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

PRODUCT: PF 690C FAST ACTIVATOR FOR PF 688C

SECTION 01: IDENTIFICATION

Product identifier..... PF 690C FAST ACTIVATOR FOR PF 688C

Other means of identification

Mixture. Paints. Accelerator and activator.

Initial supplier identifier.....

Pro Form Products Ltd. 604 McGeachie Drive

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

For transportation emergencies (in Canada) call CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES CALL CHEMTREC 1-800-424-9300. 24 hour emergency number:.....

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

NFPA rating...... Health: 2 Fire: 4 Reactivity: 1.

HMIS...... H: 2 F: 4 R: 1.

SECTION 02: HAZARD IDENTIFICATION



Hazard Classification	Flammable Liquid 2. Sensitization - Skin — Category 1. Sensitization - Respiratory —
	Category 1. Eye Damage/Irritation — Category 2A. Acute Toxicity (Inhalation) — Category
	3. Specific Target Organ Toxicity — Single Exposure — Category 3. (Respiratory system).
	(Narcotic Effects). (CNS).
Signal Word	DANGER.
Hazard Description	H225 Highly flammable liquid and vapour. H317 May cause an allergic skin reaction. H319
	Causes serious eye irritation. H331 Toxic if inhaled. H334 May cause allergy or asthma
	symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H336
	May cause drowsiness or dizziness.
Prevention	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. 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. P284 In case of inadequate
	ventilation wear respiratory protection.
Response	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. Remove contact lenses, if present and easy to do. Continue rinsing until medical
	help arrives. P311 Call a POISON CENTRE or doctor. P312 Call a POISON
	CENTER/doctor if you feel unwell. P321 - For specific treatment see section 4 on this SDS.
	P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P337 + P313 - If
	eye irritation persists get medical attention. P342 + P311 If experiencing respiratory
	symptoms; call poison center or doctor. P362 + P364 - Take off contaminated clothing and
	wash before reuse. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to
	extinguish.
Storage	
	P405 Store locked up.
Disposal	P501 Dispose all unused, waste or empty containers in accordance with local regulations.
Other hazards	None known.
Note	This product mixture has been classified based on its ingredients.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	WT. %		
Homopolymer of HDI	28182-81-2	30-60	
tert-Butyl acetate	540-88-5	30-60	
Acetic acid, methyl ester	79-20-9	1-5	
< <the a<="" actual="" as="" concentration(s)="" td="" withheld=""><td>trade secret>> .</td><td></td><td></td></the>	trade secret>> .		

SECTION 04: FIRST-AID MEASURES

Inhalation	Move to fresh air. Make victim comfortable for breathing. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the product.
Ingestion	Obtain immediate medical attention. Do not induce vomiting. Rinse mouth with water. If spontaneous vomiting occurs have victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give
Skin contact	anything by mouth to an unconscious person. Get medical attention if symptoms occur. Immediately remove all contaminated clothing, flush skin with water for at least 15 minutes. Wash clothing before reuse. If irritation persists, seek medical attention.
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. Obtain medical attention.
Most important symptoms and effects, whether acute or delayed	
Additional information	In all cases, if irritation persists seek medical attention. 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..... hazardous product, such as the nature of any hazardous combustion products Special protective equipment and precautions for fire-fighters

"Alcohol" foam, CO2, dry chemical. Do not use solid water streams or water jet. During fire, gases hazardous to health may be formed.

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. Do not allow run-off into drains, surface waters or ground waters.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Environmental precautions.....

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

and emergency procedures

Personal precautions, protective equipment No action shall be taken involving any personal risk or without suitable training. Take precautions against static discharge. Equipment should be grounded. Use non-sparking tools and equipment to pick up the spilled material. Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Ventilate. Open windows and doors to allow air circulation. Dike area to prevent spreading. The use of absorbent socks or spill pillows may be required. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways. Beware of vapours accumulating to form explosive concentrations. Vapors can form explosive mixture in air

Methods and materials for containment and cleaning up

Wear proper personal protection equipment. Contain spilled material and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations. Treat original container as hazardous due to any residual product still in container.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....

Ensure that equipment is properly bonded and grounded during filling and transferring as product may become electrostatically charged. Use adequate ventilation. Do not breathe vapours, mist or dust. Wear respiratory protection if material is heated, sprayed, used in confined space, or if exposure limit is exceeded. Individuals with lung or breathing problems or prior allergic reactions to isocyanates must not be exposed vapour of spray



SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....

mist. Avoid skin and eye contact. Avoid formation of aerosol. Do not spray on a naked flame or any incandescent material. Employees should wash hands and face before eating or drinking. Smoking, eating and drinking should be prohibited in the application area. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks, and open flames. Exposure to vapours of heated isocyanates can be extremely dangerous. Store in tightly closed containers to prevent moisture contamination. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide adequate ventilation to protect from these hazards and to keep below maximum exposure values. Electrical installations / working materials must comply with the technological safety standards. Incompatible materials include, but not limited to:. Acids. Bases. Nitrates. Plastics. Strong oxidizing agents.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	CGIH TLV STEL	PEL OSH.	A PEL STEL	NIOSH REL
Homopolymer of HDI	5 mg/m3 Supplier: 0.5 mg/	Not established m3 (TWA)	5 mg/m3	Not established	5 mg/m3
tert-Butyl acetate	200 ppm CA ON AB BC: 5	Not established 0ppm (TWA), 200ppm (ST	200 ppm EL)	Not established	200 ppm
Acetic acid, methyl ester	200 ppm CA ON: 200ppm	Not established (TWA), 250ppm (STEV-C)	200 ppm	Not established	Not established
CA ON: 200ppm (TWA), 250ppm (STEV-C) Appropriate engineering controls					
			yees should wash		

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state	Liquid.
Colour	Not available.
Odour	Not available.
Odour threshold (ppm)	Not available.
pHHq	Not applicable.
Melting / Freezing point (deg C)	Not available.
Initial boiling point / boiling range (deg C).	Not available.
Flash point (deg C), method	Not available.
Evaporation rate	Not available.
Flammability (solids and gases)	Not applicable. Flammable liquid.
Upper flammable limit (% vol)	Not available.
Lower flammable limit (% vol)	Not available.
Vapour pressure (mm Hg)	Not available.
Vapour density (air=1)	Not available.
Relative Density (Specific Gravity)	0.997.
Solubility	Not available.
Partition coefficient — n-octanol/water	Not available.
Auto ignition temperature (deg C)	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
% Volume Volatile exempt	57.07.
% Weight Solids	50.00.
% Volume Solids	42.96.
% Weight Volatile (VOC)	0.00.
% Volume Volatile (VOC)	51.70.



SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Total MIR	0.08.
Coverage (sq ft/gal @ 1 mil)	689.
VOC LBS/GAL less exempt volatiles VOC LBS/GAL less water	0.00.
VOC LBS/GAL less water	0.00.
Percent weight binder	50.00.
Percent volume binder	43.00.
Eq. WT. NCO	390.00

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Keep away from sparks or open flame.
Chemical stability	Stable at normal temperatures and pressures.
Possibility of hazardous reactions	Vapours may form explosive mixture with air.
Conditions to avoid, including static	Avoid heat, spark, open flames and other sources of ignition.
discharge, shock or vibration	, , , ,

Hazardous decomposition products........ Acetic acid. Carbon dioxide. Carbon monoxide.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS		LC50	LD50
Homopolymer of HDI		390-453 mg/m3 rat 4 hours	> 5,000 mg/kg (rat, oral); > 5,000 mg/kg (rabbit, dermal)
tert-Butyl acetate		>2,230 mg/m3 4 hours rat	4,100 mg/kg (rat, oral); >2,000 mg/kg (rabbit, dermal)
Acetic acid, methyl ester		16000 ppm (Rat) 4 h	LD50 5001 mg/kg (oral rat) LD50 5001 mg/kg (dermal rabbit)
Route of exposure	vapour (diisocyanate). Causes serious eye irrita Causes skin irritation. So No component of this pro	. (inhalation) 4 hour vapour. ATEmi	or equal to 0.1% is identified
Mutagenicity	 No component of this product present at levels greater than or equal to 0.1%. No component of this product present at levels greater than or equal to 0.1%. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Central nervous system. Respiratory system. Classification includes narcotic effects in a single exposure. 		
Aspiration Hazard	May be harmful if swallo	wed and enters airways.	

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Do not allow product to enter drains, sewers, bodies of water or soil.
Bioaccumulative potential	
Mobility in soil'	Product data not available.
Persistence and degradability	Product data not available.

SECTION 13: DISPOSAL CONSIDERATIONS

and methods of disposal, including any contaminated packaging

Information on safe handling for disposal . Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. Empty containers must be handled with care due to product residue.

SECTION 14: TRANSPORT INFORMATION

TDG Classification	UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - This product meets the Limited Quantity exemption when packaged in containers less than 5 liters.
DOT Classification (Road)	the Limited Quantity exemption when packaged in containers less than 5 liters. UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - Ltd Qty (5 L).
DOT Glassification (Noda)	Refer to 49CRF 172.101 for additional non-bulk packaging requirement.
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	·

SECTION 14: TRANSPORT INFORMATION

In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July Proof of Classification..... 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)None listed in this product. Environmental Emergency Regulations.... None listed in this product. Categorization of the DSL..... None listed in this product.

(CAS # 540-88-5). New Substances Risk Assessment

Summary

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

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...... Immediate health, delayed health, fire hazard.

Section 313..... EPA hazardous air pollutants (HAPS)

None above De minimus % limit. Hexamethylene diisocyanate.

40CFR63 California Proposition 65.....

This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity. For 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 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 Disclaimer:....

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. 2024-05-07 Date of the latest revision of the safety

data sheet



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

PBC 3001-4 EXTRA CUT COMPOUND PRODUCT:

SECTION 01: IDENTIFICATION

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

Milton, Ontario L9T3Y5 Tel (905) 878-4990 Fax (905) 878-1189 PBC 3001-4 EXTRA CUT CÓMPOUND

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

Chemical family.....

Mixture. Health: 2 Fire: 2 Reactivity: 0. NFPA rating....

HMIS..... 24 hour emergency number:....

H: 2 F: 2 R: 0.

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



Signal Word	DANGER.
Hazard Classification	Flammable Liquid 3. Aspiration Toxicity 1. Skin Irritation — Category 2. Eye Irritation —
	Category 2A. Specific Target Organ Toxicity — Repeated Exposure — Category 1. Health
Hanned Description	Hazard Not Otherwise Classified 1. Causes serious damage to the respiratory tract.
Hazard Description	H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H372 Causes damage to
	organs through prolonged or repeated exposure.
Prevention	P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233
1 TOVOTIGOTI	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. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using
	this product. P280 Wear protective gloves and eye protection.
Response	P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. P303 +
	P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse
	thoroughly with water and use safety shower . P301 + P310 If swallowed IMMEDIATELY
	CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331
	Do NOT induce vomiting. P302 + P352 - If on skin: wash with plenty of water. P332 + P313 - If skin irritation occurs get medical attention or advice. P362 + P364 - Take off
	contaminated clothing and wash before reuse. 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. P337 + P313 - If eye irritation persists get
	medical attention. P314 - Get medical advice/attention if you feel unwell.
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.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	CAS#	WT. %	
Naphtha (petroleum), heavy alkylate	64741-65-7	7-13	
Distillates (Petroleum) Hydrotreated Light	64742-47-8	7-13	
Propylene glycol monobutyl ether	5131-66-8	1-5	
Monoethanolamine	141-43-5	1-5	

<<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. Obtain medical attention.
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
Inhalation	irritation persists, seek medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is
Ingestion	difficult, give oxygen, obtain medical attention. If ingestion is suspected, contact physician or poison control center immediately. Do not induce vomiting. 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	Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and
	blurred vision. Direct contact with eyes may cause temporary irritation. Can cause skin
	sensitization. Causes damage to organs through prolonged or repeated exposure.
Additional information	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
	product ensure that medical authorities are provided a copy of this safety data sheet.

SECTION 05: FIRE-FIGHTING MEASURES

"Alcohol" foam, CO2, dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet.

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

Unusual fire / explosion hazards.....

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. Heat will cause pressure buildup and may cause explosive rupture. Keep run-off water from entering sewers and other waterways. Dike for water control. Vapours may be heavier than air. May travel long distances along the ground before igniting and flashing back to vapour source.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak/spill.....

Ventilate. Eliminate all sources of ignition. Avoid all personal contact. Evacuate all non-essential personnel. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Remove all possible sources of ignition in the surrounding area. Use explosion-proof or hand pumps and non-sparking tools and equipment. Absorb with an inert dry material and place in an appropriate waste container. 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.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....

Keep away from heat, sparks, and open flame. 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.

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 oxidizing and reducing materials. Store away from sunlight.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	GIH TLV STEL	OS PEL	HA PEL STEL	NIOSH REL
Naphtha (petroleum), heavy alkylate	525 mg/m3	Not established	Not established	Not established	Not established
Distillates (Petroleum) Hydrotreated Light	1200 mg/m3	197 ppm	Not established	Not established	Not established
	CA BC: 200mg/m3	3 (TWA) Skin			
Propylene glycol monobutyl ether	Not Established				

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	CGIH TLV STEL	OSH <i>A</i> PEL	A PEL STEL	NIOSH REL
Monoethanolamine	3 ppm	6 ppm	Not Established	Not Established	Not Established
Respiratory/type Eye/type Gloves/ type Clothing/type Footwear/type Other/type Appropriate engineering		Local exhaust ventilation is when contaminant levels of Liquid chemical goggles. Of exists. Chemical resistant gloves. Wear adequate protective Safety boots per local regular Emergency showers and of their hands and face befor Provide natural or mechan exposure limits. Local mechan contamination, such as op gases and fumes that may ventilation (ie. ACGIH induadequate ventilation.	clothes. clothes. clothes. clations. eye wash stations sho e eating, drinking, or unical ventilation to con- chanical exhaust ventile en process equipment be emitted. Standard	ded exposure limits. es and full faceshield if a uld be available. Emplo using tobacco products. itrol exposure levels bel lation should be used at t, or during purging ope	a splash hazard byees should wash ow airborne t sources of air rations, to capture arding industrial

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical stateColour	Liquid. Milky white.
Odour	Weak petroleum hydrocarbon.
Odour threshold (ppm)	Not available.
Vapour pressure (mm Hg)	No data.
Vapour density (air=1)	>1. 7.0 - 9.0.
Relative Density (Specific Gravity)	7.6 lbs/USD - 0.910.
Melting / Freezing point (deg C)	< 0 °C.
Solubility	Water dilutable.
Initial boiling point / boiling range (deg C).	> 100° C.
Evaporation rate	<1. 56. (Closed Cup).
Flash point (deg C), methodAuto ignition temperature (deg C)	246C.
Upper flammable limit (% vol)	23.5.
Lower flammable limit (% vol)	0.5.
Partition coefficient — n-octanol/water	Not available.
VOC (less water) Viscosity	1.68 lbs/USG. 1932 cps Spindle #4.
v13003ity	1902 cps opiliale #4.

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. Heating above 60°C in the presence of aluminum can result in corrosion
	and generation of flammable hydrogen gas
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid, including static	Keep away from heat. Incompatible with strong oxidizers.
discharge, shock or vibration	
Hazardous decomposition products	Oxides of carbon (CO.CO2). Thermal decomposition may release acrolein. Does not

decompose up to 204°C (400°F).

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Naphtha (petroleum), heavy alkylate	>4000 mg/kg dermal rat	>8000 mg/kg oral rat
Distillates (Petroleum) Hydrotreated Light	>5.2 mg/L (4 hr.)	>5000 mg/kg (oral, rat), >2000 mg/kg (dermal, rabbit)
Propylene glycol monobutyl ether	>651 ppm 4 Hr Rat	2,700 mg/kg Rat Oral >2,000 mg/kg Rat Skin
Monoethanolamine	232 ppm Guinea Pig	1720 mg/kg Rat Oral 1018 mg/kg Rabbit Dermal
Route of exposure Eye contact. Skin contact	act. Inhalation.	

SECTION 11: TOXICOLOGICAL INFORMATION

The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and Effects of acute exposure..... throat. In high concentration, they may cause central nervous system depression and

narcosis characterized by nausea, lightheadedness and dizziness from overexposure by inhalation. May be harmful if absorbed through the skin.

Effects of chronic exposure.....

Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Prolonged or repeated skin contact may cause drying or cracking of skin.

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC or ACGIH. Carcinogenicity of material.....

No known reproductive effects.

Reproductive effects..... Sensitizing capability of material..... May cause sensitization by skin contact.

Causes damage to organs through prolonged or repeated exposure . Specific Target Organ Toxicity

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Do not allow to enter waters, waste water or soil. Persistence and degradability..... Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal. and methods of disposal, including any contaminated packaging

Dispose of waste in accordance with all applicable Federal. Provincial/State and local regulations.

SECTION 14: TRANSPORT INFORMATION

TDG Classification..... UN1993 - FLAMMABLE LIQUIDS, N.O.S. (Petroleum distillate) - Class 3 - Packing Group III - This product meets limited quantity exemption when shipped in containers less than 5

litres

UN1993 - FLAMMABLE LIQUID, N.O.S. (Petroleum distillates) - Class 3 - PGIII - Ltd Qty (5 DOT Classification (Road)..... Liters/1.3 Gallons)

IATA Classification (Air)..... UN1993 - FLAMMABLE LIQUIDS, N.O.S. (Petroleum distillates) - Class 3 - Packing Group

III. Limited Quantity. Do not ship by air without checking appropriate IATA regulations. UN1993 - FLAMMABLE LIQUIDS, N.O.S. (Solvent naphtha) - Class 3 - Packing Group III . EmS: F-E, S-E. Limited Quantity. Check IMDG regulations for limited quantity IMDG Classification (Marine).....

exemptions.

Marine Pollutant..... Nο

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 DSL, or exempt. CEPA status.....

TSCA inventory status..... All components are either listed or exempt from the TSCA. .

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

SARA Title III

California Proposition 65.....

Section 302 - extremely hazardous None. substances

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

Immediate health, delayed health, fire hazard. Section 313......

Aluminum Oxide (fibrous forms only).
Methylene Chloride (Dichloromethane). 1,3-Dichloropropene. EPA hazardous air pollutants (HAPS) 40CFR63

> *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer. (Dichloroprene). (Ethyl acrylate). (Methylene chloride). For more information, go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

Prepared by: REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.

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.

2022-11-30. Review Date:....

SECTION 16: OTHER INFORMATION

Date of the latest revision of the safety .. 2018-07-12 data sheet

