

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

12530 KIT CONTAINS 12350, 12354 & PB 3001-4 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

12530 KIT CONTAINS 12350, 12354 & PB 3001-4

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

Chemical family..... NFPA rating.....

H: 2 F: 3 R: 0.

Paints.

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

Acrylic coating. Health: 2 Fire: 3 Reactivity: 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 WordHazard Classification	Flammable Liquid 2. Skin Sensitizer — Category 1. Eye Irritation — Category 2A. Acute Toxicity (Inhalation) — Category 4. Specific Target Organ Toxicity — Single Exposure —
Hazard Description	Category 3. Carcinogenicity — Category 2. H225 Highly flammable liquid and vapour. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 This product contains ingredients
Prevention	that are suspected of causing cancer. 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. 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
Response	eye protection. 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. 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. 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. 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. P321 - For specific
Storage	treatment see section 4 on this SDS. P405 Store locked up. P403 + P235 Store in well ventilated area. Keep cool. P403 + P233 Store in a well ventilated area. Keep container tightly closed.
Disposal Note	P501 Dispose all unused, waste or empty containers in accordance with local regulations. This product mixture has been classified based on its ingredients.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	CAS#	WT. %	
Propylene Glycol Monomethyl Ether Acetate	108-65-6	20-25	
n-Butyl Acetate	123-86-4	4-14	
Acetone	67-64-1	10-15	
Methyl Isobutyl Ketone	108-10-1	7-13	
Ethyl Acetate	141-78-6	7-13	
Bis (1,2,2,6,6- Pentamethyl-4- Piperidyl) Sebacate	41556-26-7	<0.2	

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
	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	If ingestion is suspected, contact physician or poison control center immediately. If
-	spontaneous vomiting occurs have victim lean forward with head down to prevent
Most important symptoms and effects, whether acute or delayed	aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person. Harmful if swallowed, in contact with skin or if inhaled. Can cause skin sensitization. Causes serious eye irritation. May cause respiratory irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. This product contains
Additional information	ingredients that may cause cancer. 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 and unsuitable extinguishing "Alcohol" foam, CO2, dry chemical. Do not use water in a jet. media

Specific hazards arising from the Oxides of carbon (CO, CO2). Hydrocarbon fumes and smoke. hazardous product, such as the nature of any hazardous combustion products

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...... Evacuate all non-essential personnel. Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Recover spilled material and place in suitable containers for recycling or disposal. 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

adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapour 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

Special protective equipment and

precautions for fire-fighters

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

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	SIH TLV STEL	OSH/ PEL	A PEL STEL	NIOSH REL
Propylene Glycol Monomethyl Ether Acetate	Not established	Not established	Not established	Not established	Not established
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
	CA ON: 50ppm (TV	/A), 150ppm (STEL)			
Acetone	250 ppm TLV	500 ppm	1,000 ppm	Not established	250 ppm
	CA ON AB: 500ppn	n (TWA); 750ppm (STEL	_)		
Methyl Isobutyl Ketone	50 ppm	75 ppm	100 ppm	Not established	50 ppm / STEL 75 ppm
	ON: 20 ppm (TWA)	, 75 ppm (STEL)			
Ethyl Acetate	400 ppm	Not established	400 ppm	Not established	400 ppm
	CA ON: 400 ppm (7	WA)			
Bis (1,2,2,6,6- Pentamethyl-4- Piperidyl) Sebacate	Not established	Not established	Not established	Not established	Not established
Personal Protective Equ Eye/type	L	iquid chemical goggles. xists.	Chemical safety goggl	les and full faceshield if	a splash hazard
Respiratory/type	L	ocal exhaust ventilation then contaminant levels		ar an appropriate, prope ided exposure limits.	erly fitted respirator
Gloves/ type Clothing/type Footwear/type		Chemical resistant gloves. Wear adequate protective clothes. Safety boots per local regulations.			
Other/typeAppropriate engineering	E g controls I e c g v	mergency showers and Provide natural or mecha xposure limits. Local me ontamination, such as o ases and fumes that ma entilation (ie. ACGIH ind dequate ventilation.	eye wash stations sho anical ventilation to cor echanical exhaust vent pen process equipmer by be emitted. Standard	ntrol exposure levels be ilation should be used a nt, or during purging op d reference sources red	at sources of air erations, to capture parding industrial

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state	Liquid. Clear.
OdourOdour threshold (ppm)Vapour pressure (mm Hg)	Ketone odour. Not available. Not available.
Vapour density (air=1)pH	>1. Not applicable.
Relative Density (Specific Gravity) Melting / Freezing point (deg C)	7.99 lb/usg - 0.9588. No data.
Solubility	Slightly soluble in water. 56°C (133 F). Moderate.
Flash point (deg C), method	-18°C. (estimated). >300°C.
Upper flammable limit (% vol) Lower flammable limit (% vol)	12.6. 1.2.
Partition coefficient — n-octanol/water VOC (less water)	Not available. 4.45 lb/usg - 533.2 g/L.
Viscosity	13.5 sec Zahn #2.

discharge, shock or vibration

SECTION 10: STABILITY AND REACTIVITY



SECTION 10: STABILITY AND REACTIVITY

Hazardous decomposition products........ Decomposition may produce fumes, smoke, oxides of carbon and hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS		LC50	LD50
Propylene Glycol Monomethyl Ether Acetate		Not Available	8,532 mg/kg (rat oral) >5,000 mg/kg (rabbit dermal)
n-Butyl Acetate		>33 mg/L vapour, 5.2 mg/L (rat) dust/mist	10760 mg/kg (rat, oral) 14112 mg/kg (rabbit, dermal)
Acetone		50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Methyl Isobutyl Ketone		8.2 - 16.4 mg/L 4 hours rat	2080 mg/kg (rat oral) >16,000 mg/kg (rabbit dermal)
Ethyl Acetate		16,000 ppm 6 hours rat	5,600 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)
Route of exposure Effects of acute exposure	The aromatic hydrocarbothroat. In high concentration	ct. Inhalation. on solvents in this product can b tion, they may cause central ner by nausea, lightheadedness and	vous system depression and
Effects of chronic exposure	Breathing high concentrateffects. Contains an ingr	ations of vapour may cause anes edient which caused reproductiv unts to skin. These effects have	sthetic effects and serious health
Skin contactSkin absorption	Can cause moderate irri	tation, defatting and dermatitis. solvents may cause effects sim	·
Eye contactInhalation (acute)	Can cause redness, irrita Solvent vapours may be and itching of eyes, dryn	irritating to the eyes, nose and t less of the throat and tightness in	
Inhalation (chronic)	effects including permanent brain and/or nervous system damage, kidney, liver, blood damage and reproductive effects among women. Symptoms may include nausea, vomiting, abdominal pain, headache, impaired memory, loss of coordination, insomnia and breathing difficulties. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, nausea and asphyxiation.		
Ingestion	be harmful or fatal if swa	allowed.	umonitis which can be fatal. May
Carcinogenicity of material		s possibly carcinogenic to human e effects were found in the literat	

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Do not allow to enter waters, waste water or soil.

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

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	
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 (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.
Marine Pollutant Proof of Classification	Potential marine pollutant.
FIOUI OI CIASSIIICAUOTI	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 statusTSCA inventory statusOSHASARA Title III	On Domestic Substances List (DSL). All components are listed. This product is considered hazardous under the OSHA Hazard Communication Standard.
Section 302 - extremely hazardous	None.
substances	
Section 311/312 - hazard categories Section 313	Immediate health, delayed health, fire hazard. Methyl Isobutyl Ketone.
EPA hazardous air pollutants (HAPS)	Methyl Isobutyl Ketone. Toluene.
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 birth defects or other reproductive harm. (Methyl Isobutyl Ketone (D)). (Toluene). ***! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer. (Methyl Isobutyl Ketone (C)). For more information, go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

Prepared by:	(800) 387-7981. DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not
Review Date:	relate to its use in combination with any other material or in any other process. 2022-11-30. 2018-06-26



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

12354 MEDIUM ACTIVATOR FOR 12350 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 12354 MEDIUM ACTIVATOR FOR 12350

Product identifier..... Paints. Accelerator and activator.

Recommended use and restrictions on ..

Chemical family.....

Mixture. Health: 3 fire: 3 reactivity: 2.

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

H: 3 F: 3 R: 2.

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



Hazard Classification	Flammable Liquid 2. Aspiration Toxicity 1. Skin Irritation — Category 2. Skin Sensitizer — Category 1. Eye Irritation — Category 2A. Acute Toxicity (Inhalation) — Category 4. Respiratory Sensitizer — Category 1. Specific Target Organ Toxicity — Single Exposure — Category 3. (respiratory system). Carcinogenicity — Category 2. Reproductive Toxicity — Category 2.
Hazard Description	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 May cause respiratory irritation. H351 This product contains ingredients that are suspected of causing cancer. H361 Suspected of damaging fertility or the unborn child.
Prevention	P261 Avoid breathing mists, vapours and sprays. P271 Use only outdoors or in a well ventilated area. P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P280 Wear protective gloves and eye protection. P264 Wash thoroughly after handling. 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. P284 In case of inadequate ventilation wear respiratory protection. P272 Contaminated work clothing should not be allowed out of the workplace.
Response	P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P308 + P313 If exposed or concerned, get medical advice/attention. 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. 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. P342 + P311 If experiencing respiratory symptoms; call poison center or doctor. P302 + P352 - If on skin: wash with plenty of water. P362 + P364 - Take off contaminated clothing and wash before reuse. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P321 - For specific treatment see
Storage	section 4 on this SDS. P405 Store locked up. P403 + P235 Store in well ventilated area. Keep cool. P403 + P233
Disposal	Store in a well ventilated area. Keep container tightly closed. P501 Dispose all unused, waste or empty containers in accordance with local regulations.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	CAS#	WT. %	
Xylene	1330-20-7	20-30	
n-Butyl Acetate	123-86-4	20-30	
Homopolymer of HDI	28182-81-2	7-15	
Homopolymer of IPDI	53880-05-0	7-15	
Ethyl 3-Ethoxypropionate	763-69-9	3-8	
n-Amyl acetate	628-63-7	3-8	
Methyl Isobutyl Ketone	108-10-1	3-8	
Solvent Naphtha, Light Aromatics	64742-95-6	1-5	
Propylene Glycol Monomethyl Ether Acetate	108-65-6	1-5	
Diisobutyl Ketone	108-83-8	0.5-5	
Propyl Benzene	103-65-1	0.5-5	
1,2,4-Trimethylbenzene	95-63-6	0.5-5	
1,3,5-Trimethylbenzene	108-67-8	0.5-5	
Isophorone Diisocyanate	4098-71-9	0.1-1	
Cumene	98-82-8	0.1-1	

SECTION 04: FIRST-AID MEASURES

Eye contact	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Check for and remove any contact lenses, if safe and easy to do so. Obtain medical attention.
Skin contact	If irritation persists, seek medical attention. Immediately flush skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse.
Inhalation	difficult, give oxygen, obtain medical attention.
Ingestion	If ingestion is suspected, contact physician or poison control center immediately. Rinse
	mouth with water. 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	cause respiratory irritation. Can cause skin sensitization. This product contains ingredients that are suspected of damaging fertility or the unborn child. This product contains ingredients that may cause cancer. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
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. Eye: stain for evidence of corneal injury. If cornea is burned, instill antibiotic steroid preparation frequently. Workplace vapours have produced reversible corneal epithelial edema impairing vision. Skin: this compound is a known skin sensitizer. Treat
	symptomatically as for contact dermatitis or thermal burns. If burned, treat as thermal burn. Ingestion: treat symptomatically. There is no specific antidote. Inducing vomiting is contraindicated because of the irritating nature of this compound.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media

Dry chemical. Carbon dioxide. Foam. In cases of larger fires, water spray should be used. Do not use water in a jet.

Oxides of carbon (CO, CO2). Oxides of nitrogen. Smoke. Hydrogen cyanide. Isocyanates. Other potentially toxic fumes.

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. 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%). 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.
Major spills	If temporary control of isocyanate vapour is required, a blanket of protein foam may be
	placed over spill. If transportation spill occurs in United States, call Chemtrec 1-800-424-9300. If transportation spill occurs in Canada, call Canutec at (613) 996-6666.
Minor spills	Large quantities may be pumped into closed, but not sealed, containers for disposal. Pour decontamination solution over spill area and allow to react for at least 10 minutes.
	Shovel into suitable containers and add further amounts of decontamination solution. Decontamination solution: Decontamination Solution: Mixture of water (80%) with non-ionic surfactant Tergitol TMN-10 (20%), or; water (90%), concentrated ammonia (3-8%) and detergent (2%). Allow to stand uncovered for 72 hours to let carbon dioxide
	escape.
Clean up	Decontaminate floor with decontamination solution, letting stand for at least 15 minutes.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....

Avoid skin and eye contact. Do not breathe vapours, mist or dust. Use adequate ventilation. Ensure that equipment is properly bonded and grounded during filling and transferring as product may become electrostatically charged. Wear respiratory protection if material is heated, sprayed, used in confined space, or if exposure limit is exceeded. Warning properties (irritation of the eyes, nose and throat or odour) are not adequate to prevent chronic overexposure from inhalation. Individuals with lung or breathing problems or prior allergic reactions to isocyanates must not be exposed vapour or spray mist. Wash thoroughly after handling. Decomposition products are highly toxic and irritating. Employee education and training are important.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks, and open flames. Store in tightly closed containers to prevent moisture contamination. Exposure to vapours of heated isocyanates can be extremely dangerous. Do not reseal if contamination is suspected. Do not store above 50 deg C.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	H TLV STEL	OSH, PEL	A PEL STEL	NIOSH REL
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
	CA ON: 100ppm (TV	VA); 150ppm (STEL)			
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
	CA ON: 50ppm (TW	A), 150ppm (STEL)			
Homopolymer of HDI	5 mg/m3	Not established	5 mg/m3	Not established	5 mg/m3
	Supplier: 0.5 mg/m3	(TWA)			
Homopolymer of IPDI	Not established	Not established	Not established	Not established	Not established
Ethyl 3-Ethoxypropionate	Not established	Not established	Not established	Not established	Not established
n-Amyl acetate	50 ppm/15 minutes	100 ppm	100 ppm	Not established	100 ppm
Methyl Isobutyl Ketone	50 ppm	75 ppm	100 ppm	Not established	50 ppm / STEL 75 ppm
	ON: 20 ppm (TWA),	75 ppm (STEL)			
Solvent Naphtha, Light Aromatics	Not established	Not established	500 ppm (2000 mg/m3) TWA	Not established	350 mg/m3 TWA
Propylene Glycol Monomethyl Ether Acetate	Not established	Not established	Not established	Not established	Not established
Diisobutyl Ketone	25 ppm	Not established	50 ppm	Not established	25 ppm
Propyl Benzene	Not established	Not established	Not established	Not established	Not established
1,2,4-Trimethylbenzene	25 ppm	Not established	Not established	Not established	25 ppm

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	CGIH TLV STEL	OSHA PEL PEL STEL		NIOSH REL
1,3,5-Trimethylbenzene	Not established		Not established Not established		25 ppm
Isophorone Diisocyanate Cumene	50 ppm		50 ppm TWA		0.005 ppm skin Not established
Personal Protective Equi Eye/type	pment	ot established D05 ppm Not established ppm Not established D05 ppm Not established D06 ppm Not established D07 ppm Not established D08 ppm Not established D08 ppm Not established D09 ppm Not establi		splash hazard exists. Colical. If the exposure limit or a ressure, supplied-air reded. At least an air-pursarticulate pre-filters muperiods of time (< 1 hone use of a positive presitions are not known or it or spraying is perform the use limits of the respine. Nitrile rubber. Practious protective clothing. All did be available. Educatoroduct. The properties of the used at a ton should be used at tor during purging ope reference sources regarded.	ontact lenses are not known, spirator or a ifying respirator st be worn. ur) at relatively low ssure air supplied airborne solvent ned in a confined oirator. ice good hygiene, te and train ow airborne t sources of air rations, to capture arding industrial

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Colour	t applicable. 9 lb/usg - 0.982. data. gligible. data. °C. (estimate; lowest flash point ingredient). data.
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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.
Possibility of hazardous reactions	Contact with moisture, other materials that react with isocyanates, or temperatures above
·	177C, may cause polymerization.
Conditions to avoid, including static	Water, amines, strong bases, alcohols. Copper alloys. Alumina. Silica gel. Chromium
discharge, shock or vibration	trioxide. Perchloric acid. Xylene:. May attack plastics, rubber and coatings.
Hazardous decomposition products	See hazardous combustion products section 5.
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SECTION 11: TOXICOLOGICA	AL INFORMATION
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LUCE PIEUTO		lı ozo	l. n.=0		
INGREDIENTS		LC50	LD50		
Xylene		6350 ppm 4 hours rat	>3523 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)		
Homopolymer of HDI		390-453 mg/m3 rat 4 hours	> 5,000 mg/kg (rat, oral); > 5,000 mg/kg (rabbit, dermal)		
Homopolymer of IPDI		Not Available	Not Available		
Ethyl 3-Ethoxypropionate		>998 ppm 6 hours	4,309 mg/kg rat oral 4,080 mg/kg rabbit dermal		
n-Amyl acetate		>976 ppm 4 hours rat	6500 mg/kg rat oral 8359 mg/kg rabbit dermal		
Methyl Isobutyl Ketone		8.2 - 16.4 mg/L 4 hours rat	2080 mg/kg (rat oral) >16,000 mg/kg (rabbit dermal)		
Solvent Naphtha, Light Aromatics		5.2 mg/L 4 hours, rat 3400 ppm 4 hours, rat	>5,000 mg/kg (rat oral) >2,000 mg/kg (rabbit dermal)		
Propylene Glycol Monomethyl Ether Acetate		Not Available	8,532 mg/kg (rat oral) >5,000 mg/kg (rabbit dermal)		
Diisobutyl Ketone		>2,300 ppm 4 hours	5,285 mg/kg (rat oral) >2000 mg/kg (rat dermal)		
Propyl Benzene		Not Available	6,040 mg/kg rat oral		
1,2,4-Trimethylbenzene		>2,000 ppm 48 hours rat	3,280 mg/kg rat oral		
1,3,5-Trimethylbenzene		Not Available	Not Available		
Isophorone Diisocyanate		123 mg/m3 4 hours rat	>1,000 mg/kg (rat oral) 1,060 mg/kg (rat dermal)		
Cumene		No Data	50 PPM, SKIN		
Skin contact	Causes eye irritation. Can cause tearing, reddening and swelling. May cause temporary corneal damage. Vapours can produce irritation. Symtoms include tearing and reddening.				
Ingestion Carcinogenicity of material	pneumonitis, with flu-like symptoms has also been reported. These symptoms can be delayed up to several hours after exposure. Solvent vapours may be irritating to the eyes, nose and throat, resulting in redness, burning and itching of eyes, dryness of the throat and tightness in the chest. Breathing of high vapour concentrations may cause anesthetic effects and serious health effects. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, nausea and asphyxiation. May be harmful or fatal if swallowed. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. May cause central nervous system effects such as headache, nausea, vomiting and weakness.				

SECTION 11: TOXICOLOGICAL INFORMATION

Methyl Isobutyl Ketone is known by the State of California to cause adverse fetal Reproductive effects.....

developmental effects. High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. The relevance of this to

humans is not known.

Sensitizing capability of material..... May cause sensitization by inhalation. May cause sensitization by skin contact.

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

UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - This product meets TDG Classification..... 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).

IATA Classification (Air).....

Refer to 49CRF 172.101 for additional non-bulk packaging requirements.
UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II. Limited Quantity.

Do not ship by air without checking appropriate IATA regulations.
UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - EmS: F-E S-E. IMDG Classification (Marine).....

Limited Quantity.

Marine Pollutant..... Potential marine pollutant.

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).

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 Isophorone Diisocyanate.

substances

Section 311/312 - hazard categories...... Section 313..... Immediate health, delayed health, fire hazard. 1,2,4-Trimethylbenzene. Methyl Isobutyl Ketone. Xylene.

EPA hazardous air pollutants (HAPS) Cumene. Hexamethylene diisocyanate. Methyl Isobutyl Ketone. Xylene.

California Proposition 65.....

*** ! 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. (Benzene (D)). (Methyl Isobutyl Ketone (D)). *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer . (Benzene). (Cumene). (Ethyl benzene). (Methyl Isobutyl Ketone (C)).

information, go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

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

Telephone number:..... (800) 387-7981.

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.

Review Date:..... 2022-11-30. Date of the latest revision of the safety ...

data sheet

2018-06-26





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

PRODUCT: PB 3001-4 EXTRA CUT COMPOUND

SECTION 01: IDENTIFICATION

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

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

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

Chemical family.....

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

NFPA rating.... HMIS..... 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 **. 24 hour emergency number:....

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
Hazard Description	Hazard Not Otherwise Classified 1. Causes serious damage to the respiratory tract. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways.
riazaru Description	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
	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
Dagnanas	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
D: .	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 appropriation (a) with held on a two	The natural components time (a) withhead on a trade popular.					

<<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 difficult, give oxygen, obtain medical attention.
Ingestion	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	
	blurred vision. Direct contact with eyes may cause temporary irritation. Can cause skin
Additional information	sensitization. Causes damage to organs through prolonged or repeated exposure. 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.

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.

Unusual fire / explosion hazards.....

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 PEL	IA PEL STEL	NIOSH REL
Monoethanolamine Respiratory/type Eye/type Gloves/ type Clothing/type Footwear/type Other/type Appropriate engineering		6 ppm Local exhaust ventilation is when contaminant levels of Liquid chemical goggles. Cexists. Chemical resistant gloves. Wear adequate protective Safety boots per local register boots per local register beautiful for their hands and face befor Provide natural or mechal exposure limits. Local mecontamination, such as opgases and fumes that may	clothes. Lations. Leve wash stations she eating, drinking, or nical ventilation to cochanical exhaust venen process equipme	nded exposure limits. gles and full faceshield if ould be available. Emplor using tobacco products. outrol exposure levels bel tilation should be used a out, or during purging ope	a splash hazard byees should wash low airborne t sources of air erations, to capture
		ventilation (ie. ACGIH induadequate ventilation.			

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.
v 130031ty	1902 cps opinale #4.

SECTION 10: STABILITY AND REACTIVITY

Chemical stabilityReactivity	Stable at normal temperatures and pressures. Avoid heat, sparks and flames. Explosive reactions can occur in the presence of strong
	oxidizing agents. 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	
	Oxides of carbon (CO.CO2). Thermal decomposition may release acrolein. Does not

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. 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.....

Reproductive effects..... No known 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. IMDG Classification (Marine).....

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

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......

EPA hazardous air pollutants (HAPS)

Aluminum Oxide (fibrous forms only).
Methylene Chloride (Dichloromethane). 1,3-Dichloropropene. 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. (800) 387-7981.

Telephone number:..... 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

