

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

PRODUCT: 12520 CLEAR KIT: 12370 CLEARCOAT 4:1 2.1 V.O.C.

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

Product identifier..... 12520 CLEAR KIT: 12370 CLEARCOAT 4:1 2.1 V.O.C.

Other means of identification

Chemical family...... Recommended use and restrictions on ...

Initial supplier identifier.....

24 hour emergency number:....

NFPA rating...... Health: 2 Fire: 4 Reactivity: 0. HMIS...... H: 2 F:4 R: 0.

Mixture

Paint related materials.

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 CHEMTRÉC 1-800-424-9300.

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

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



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. Hazard Classification..... DANGER. Signal Word..... H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an Hazard Description..... allergic skin 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. P201 Obtain special instructions before use. P202 Do not handle this product until all Prevention..... 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 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 Response ..... 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 + 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. Note ..... This product mixture has been classified based on its ingredients.



## PRODUCT: 12520 CLEAR KIT: 12370 CLEARCOAT 4:1 2.1 V.O.C.

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="">&gt;</the>	> .	

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

Flush affected area with water for at least 15 minutes. Remove contaminated clothing and Skin contact..... launder 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. Remove contact lenses if safe to do so. Obtain medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is Inhalation..... difficult, give oxygen, obtain medical attention. Do not induce vomiting. Rinse mouth with plenty of water. If spontaneous vomiting occurs Ingestion..... 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. May cause respiratory irritation. Can cause skin sensitization. Causes skin and eye Most important symptoms and effects, ..... whether acute or delayed 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 equipment 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..... Do not allow product to leak into drains or waterways. If spill does contaminate waterways

Methods and materials for containment . and cleaning up

then inform authorities. 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.

## **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 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. Handle in accordance with good industrial hygiene and safety practices.



## PRODUCT: 12520 CLEAR KIT: 12370 CLEARCOAT 4:1 2.1 V.O.C.

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

Conditions for safe storage, including any incompatibilities

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. PEL	A PEL STEL	NIOSH REL
4-Chlorobenzotrifluoride Acetone	Not established 250 ppm TLV	Not established 500 ppm	Not established 1,000 ppm	Not established Not established	Not established 250 ppm
	CA ON AB: 500pp	om (TWA); 750ppm (STE	L)		
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
	CA ON: 50ppm (T	WA), 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 gen Explosion-proof exhaust		ufficient to prevent over	rexposure.
Personal Protective Equ Gloves/ type	ipment	Wear skin protection equathe nature of the work to	ipment. The selection be performed. Consult	of skin protection equip	ment depends on ve equipment
Eye/type		supplier for additional red Liquid chemical goggles. exists. Consult your pers recommendations.	Chemical safety gogg	les and full faceshield it nent supplier for addition	f a splash hazard nal
Respiratory/type		Wear an appropriate, pro recommended exposure additional recommendati	limits. Consult your pe	when contaminant level rsonal protective equip	s exceed the ment supplier for
Clothing/type		Wear chemical resistant additional recommendati	clothing. Consult your	personal protective equ	uipment supplier for
Footwear/type		Wear chemical resistant for additional recommend	safety boots. Consult y	our personal protective	e equipment supplier
Other/type		Emergency showers and their hands and face before	l eye wash stations sho ore eating, drinking, or	ould be available. Emplousing 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.
pH	Not available.
Melting / Freezing point (deg C)Initial boiling point / boiling range (deg C).	Not available.
Initial boiling point / boiling range (deg C).	Not available.
Flash point (deg C), method	-20°C .
Evaporation rate	Not available.
Flammability (solids and gases)	Flammable liquid.
Flammability (solids and gases) Upper flammable limit (% vol)	Not available.
Lower flammable limit (% vol)	Not available.
Vapour pressure (mm Hg)	Not available.
Vapour density (air=1)	Not available.



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

Relative Density (Specific Gravity)	1.106. Not available. Not available. Not available. Not available. Not available. 54.87. 9.23. 30.89. 28.87. 12.62. 16.24. 4.0. 0.20. 463. 2.58. 1.16.
Coverage (sq ft/gal @ 1 mil)VOC I BS/GAL less exempt volatiles	2.58.
Percent weight binder	30.2. 28.2.
Percent weight catalyst	0.10. 0.11. 1784.29.

## **SECTION 10: STABILITY AND REACTIVITY**

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

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

## **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
Route of exposure Eye contact. Skin contact Symptoms related to the physical, chemical and toxicological characteristics	act. Inhalation. Ingestion.	

and toxicological characteristics

Causes serious eye irritation. Causes skin irritation. High concentrations may cause central Effects of acute exposure..... nervous system depression such as drowsiness, headache, dizziness, vertigo, nausea and fatigue. Skin corrosion\irritation..... Causes skin irritation.

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

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

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

Carcinogenicity..... 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.

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

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

Not classified.

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

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# **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.....Persistence and degradability..... Not available as a product. 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**

UN1263 - PAINT - Class 3 - Packing Group II - This product meets limited quantity TDG Classification..... 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. UN1263 - PAINT - Class 3 - Packing Group II. Limited Quantity. Do not ship by air without IATA Classification (Air)..... 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**

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

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. Categorization of the DSL.....

Some components met the criteria under subsection 73(1) of CEPA during categorization

of the DSL. Please check to see if this affects your company. (CAS # 67-64-1). (CAS # 41556-26-7)

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

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

SARA Title III

Section 302 - extremely hazardous ......... None.

substances

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

None. Section 313..... 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**

REGULATORY AFFAIRS. Prepared by: .....

(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.

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

#### 12520 CLEAR KIT: 12374 MEDIUM ACTIVATOR PRODUCT:

### **SECTION 01: IDENTIFICATION**

Product identifier..... 12520 CLEAR KIT: 12374 MEDIUM ACTIVATOR

Other means of identification

Chemical family...... Recommended use and restrictions on ... Mixture.

use

Initial supplier identifier.....

Paints. Accelerator and activator.

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

# SECTION 02: HAZARD IDENTIFICATION



Hazard Classification	Category 1. Serious Eye Damage/Eye Irritation — Category 2A. Acute Toxicity (Inhalation) — Category 3. Specific Target Organ Toxicity — Single Exposure — Category 3. (Respiratory System). (Narcotic Effects). (CNS).
Hazard Description	
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	
Disposal	P501 Dispose all unused, waste or empty containers in accordance with local regulations.
Other hazards	None known.
Note	

#### PRODUCT: 12520 CLEAR KIT: 12374 MEDIUM ACTIVATOR

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS			
CHEMICAL NAME AND SYNONYMS	CAS#	WT. %	
Homopolymer of HDI	28182-81-2	30-60	
tert-Butyl acetate	540-88-5	15-40	
4-Chlorobenzotrifluoride	98-56-6	10-30	
< <the a<="" actual="" as="" concentration(s)="" td="" withheld=""><td>trade secret&gt;&gt; .</td><td></td><td></td></the>	trade secret>> .		

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

Skin contact	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.
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.
	Obtain immediate medical attention.
Ingestion	Do not induce vomiting. Rinse mouth with water. If spontaneous vomiting occurs have
ŭ	victim lean forward with head down to prevent aspiration of fluid into the lungs. Never give
	anything by mouth to an unconscious person. Get medical attention if symptoms occur.
Most important symptoms and effects,	Harmful if swallowed, in contact with skin or if inhaled. Can cause central nervous system
whether acute or delayed	depression. Can cause skin sensitization. Can cause respiratory sensitization. Symptoms
	may include allergic skin reaction, dermatitis or rash.
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.
	and product of the control and modern actions and provided a dopy of the date, and offer

### **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



## PRODUCT: 12520 CLEAR KIT: 12374 MEDIUM ACTIVATOR

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

Precautions for safe handling..... mist.

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:. Strong reducing agents. Acids. Bases. Nitrates. Plastics.

## SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA AC	GIH TLV STEL	PEL OSHA	A PEL STEL	NIOSH REL
Homopolymer of HDI	5 mg/m3	Not established	5 mg/m3	Not established	5 mg/m3
	Supplier: 0.5 mg/n	n3 (TWA)			
tert-Butyl acetate	200 ppm	Not established	200 ppm	Not established	200 ppm
	CA ON AB BC: 50	Oppm (TWA), 200ppm (ST	EL)		
4-Chlorobenzotrifluoride	Not established	Not established	Not established	Not established	Not established
Appropriate engineering		Explosion-proof exhaust value the exposure limits.	ventilation. Local exha	ust should be used to m	naintain levels below
Personal Protective Equi Gloves/ type	pment	Impervious gloves. Consurecommendations.	ult your personal protec	ctive equipment supplie	r for additional
Eye/type		Chemical safety goggles a			
Respiratory/type		personal protective equipa Wear an appropriate, proprecommended exposure I Consult your personal pro	perly fitted respirator w imits. Full Face Mask	hen contaminant levels with organic vapor cartr	s exceed the ridge, Type A filter.
Clothing/type		Wear impervious protective		ur personal protective e	equipment supplier
Footwear/type		for additional recommend Wear chemical resistant s for additional recommend	safety boots. Consult y	our personal protective	equipment supplier
Other/type		Emergency showers and their hands and face befo			

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

Appearance/Physical state Colour Odour Odour threshold (ppm)	Not available. Not available. Not available. Not applicable. Not available. 001 001 001 001 001 001 001 001 001 00
TOTAL MIK	0.06.



#### PRODUCT: 12520 CLEAR KIT: 12374 MEDIUM ACTIVATOR

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

Coverage (sq ft/gal @ 1 mil)..... 692. Percent weight binder..... 47.5. Percent volume binder..... 43.1. Eq. WT. NCO..... 410.53.

### **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.

discharge, shock or vibration Hazardous decomposition products..... Acetic acid. Carbon oxides

### **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)
4-Chlorobenzotrifluoride	4479 ppm	<pre>&gt;6,800 mg/kg (rat oral); &gt;2,700 mg/kg (rabbit dermal)</pre>
Route of exposure	Eye contact. Skin contact. Inhalation. Ingestion. ATEmix - TBAC 22 mg/L (inhalation) 4 hour vapour. vapour (diisocyanate). Causes serious eye irritation. Causes skin irritation. Solvents may degrease the sk No component of this product present at levels great as probable, possible or confirmed human carcinoge No component of this product present at levels great No component of this product present at levels great May cause allergy or asthma symptoms or breathing May cause an allergic skin reaction. Central nervous system. Respiratory system.	in. er than or equal to 0.1% is identified en by IARC or ACGIH. er than or equal to 0.1% . er than or equal to 0.1% .

## **SECTION 12: ECOLOGICAL INFORMATION**

Not classified.

Ecotoxicity..... p-Chlorobenzotrifluoride - LC50 3 mg/L 96hr (Zebra fish). EC50 2 mg/L 48hr (Daphnia Magna). EC50 >0.41 mg/L 96hr (Green Algae). Product data not available. Persistence and degradability..... Product data not available. Bioaccumulative potential..... Mobility in soil...... Product data not available.

May be harmful if swallowed and enters airways.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

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

STOT-RE.....

Aspiration Hazard.....

This material and its container must be disposed of as hazardous waste. Avoid release to the environment. 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)..... UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II - Ltd Qty (5 L). Refer to 49CRF 172.101 for additional non-bulk packaging requirement. UN1263 - PAINT RELATED MATERIAL - Class 3 - Packing Group II. Limited Quantity. Do IATA Classification (Air)..... 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..... 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. .



#### PRODUCT: 12520 CLEAR KIT: 12374 MEDIUM ACTIVATOR

### **SECTION 15: REGULATORY INFORMATION**

On Domestic Substances List (DSL).

CEPA status...... On Domestic Substances L National Pollutant Release Inventory (NPRI)None listed in this product. Environmental Emergency Regulations.... Categorization of the DSL..... None listed in this product. None listed in this product.

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

Summary

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

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

SARA Title III

Section 302 - extremely hazardous ......... None.

substances

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

Section 313..... None above De minimus % limit. EPA hazardous air pollutants (HAPS) ...... 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. cancer or reproductive toxicity.

## **SECTION 16: OTHER INFORMATION**

REGULATORY AFFAIRS. Prepared by: .....

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.

Review Date: 2022-11-30. Date of the latest revision of the safety ... 2024-05-04

data sheet



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

**12520 CLEAR KIT: PB 3001-4 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

12520 CLEAR KIT: PB 3001-4 COMPOUND

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

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

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 WordHazard Classification	DANGER. Flammable Liquid 3. Aspiration Toxicity 1. Skin Corrosion/Irritation — Category 2. Serious Eye Damage/Eye Irritation — Category 2A. Specific Target Organ Toxicity — Repeated Exposure — Category 1. Health Hazard Not Otherwise Classified 1. Causes serious damage to the respiratory tract.
Hazard Description	
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 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 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. %	
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>> .



#### PRODUCT: 12520 CLEAR KIT: PB 3001-4 COMPOUND

### **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
Most important symptoms and effects, whether acute or delayed	unconscious person. 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
Additional information	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**

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

Specific hazards arising from the ..... hazardous product, such as the nature of any hazardous combustion products Special protective equipment and ..... precautions for fire-fighters

Unusual fire / explosion hazards.....

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.

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

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 Leak/spill..... 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**

before eating or drinking.

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

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	IH TLV STEL	OSH, PEL	A 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 available	Not available	Not available
CA BC: 200mg/m3 (TWA) Skin					
Propylene glycol monobutyl ether	Not Established				

# PRODUCT: 12520 CLEAR KIT: PB 3001-4 COMPOUND

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

INGREDIENTS	TWA	CGIH TLV STEL	OSH <i>A</i> PEL	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		when contaminant levels educated chemical goggles. Contaminant gloves. Chemical resistant gloves. Wear adequate protective Safety boots per local regular generations and educated chemical services.	e clothes.		
Appropriate engineering controls		Provide natural or mechan exposure limits. Local mec contamination, such as op gases and fumes that may ventilation (ie. ACGIH induadequate ventilation.	ical ventilation to cont hanical exhaust venti en process equipmen be emitted. Standard	trol exposure levels belo lation should be used at t, or during purging ope I reference sources rega	sources of air rations, to capture irding industrial

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

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

Route of exposure..... Eye contact. Skin contact. Inhalation.

# **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
Possibility of hazardous reactions	and generation of flammable hydrogen gas Hazardous polymerization will not occur.
Conditions to avoid, including static	
discharge, shock or vibration Hazardous decomposition products	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		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

## PRODUCT: 12520 CLEAR KIT: PB 3001-4 COMPOUND

## **SECTION 11: TOXICOLOGICAL INFORMATION**

Effects of acute exposure..... The aromatic hydrocarbon solvents in this product can be irritating to the eyes, nose and 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.

Breathing high concentrations of vapour may cause anesthetic effects and serious health Effects of chronic exposure..... 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.....

Reproductive effects..... No known reproductive effects.

Respiratory or Skin Sensitization..... May cause sensitization by skin contact.

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

### **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) UN1993 - FLAMMABLE LIQUIDS, N.O.S. (Petroleum distillates) - Class 3 - Packing Group

IATA Classification (Air).....

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 exemptions. IMDG Classification (Marine).....

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**

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

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

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

SARA Title III Section 302 - extremely hazardous .........

substances

None.

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

Immediate health, delayed health, fire hazard. Section 313..... Aluminum Oxide (fibrous forms only).

EPA hazardous air pollutants (HAPS) ...... Methylene Chloride (Dichloromethane). 1,3-Dichloropropene.

California Proposition 65.....

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

#### SECTION 16: OTHER INFORMATION

Prepared by: ..... REGULATORY AFFAIRS.

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

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

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

data sheet

2018-07-12

