



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

PRODUCT: 12170 ULTRA FAST DRY 4:1 CLEAR
SECTION 01: Chemical product and company identification

Product name..... 12170 ULTRA FAST DRY 4:1 CLEAR
 Manufactured for..... Pro Form Products Ltd.
 604 McGeachie Drive
 Milton, Ontario L9T3Y5
 Tel (905) 878-4990 Fax (905) 878-1189
 24 hour emergency number:..... IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC) - IN THE UNITED STATES
 CALL CHEMTREC 1-800-424-9300.
 Material use..... Paints. This product should not be used for any other purpose other than the ones
 described in this section. For industrial use only - keep out of reach of children.
 Chemical family..... Mixture.
 Preparation date..... April 5, 2016.
 Hazard rate
 NFPA rating..... Health: 2 Fire: 2 Reactivity: 0.
 HMIS..... H: 2 F: 2 R: 0.

SECTION 02: Hazards identification


Signal Word..... DANGER.
 Hazard Classification..... Flammable Liquid 2. Skin Irritant 2. Skin Sensitizer 1. Eye Irritant 2. Reproductive 2.
 Hazard Description..... H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an
 allergic skin reaction. H319 Causes serious eye irritation. H361 This product contains
 ingredients that are suspected of damaging fertility or the unborn child.
 Precautionary Statements..... 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. P280 Wear protective gloves and eye protection.
 Response P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately.
 Rinse thoroughly with water and use safety shower. P302 + P352 - If on skin: wash with
 plenty of water. P321 - For specific treatment see section 4 on this SDS. P333 + P313 If
 skin irritation or rash occurs, get medical advice/attention. 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. P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to
 extinguish.
 Storage..... P403 + P235 Store in well ventilated area. Keep cool.
 Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
Acetone	67-64-1	20-30
Butyl Acetate	123-86-4	5-10
Methyl N-Amyl Ketone	110-43-0	5-10
N-Butyl Propionate	590-01-2	5-10
Methyl Isobutyl Ketone	108-10-1	1-5
C7-C9 Branched Alkyl Esters	127519-17-9	0.1-1
Dibutyltin Bis (Acetylacetonate)	22673-19-4	0.1-1

PRODUCT: 12170 ULTRA FAST DRY 4:1 CLEAR**SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS**

Xylene	1330-20-7	0.1-1
Acetic Acid	64-19-7	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. Obtain medical attention.
Skin contact.....	Immediately remove all contaminated clothing; flush skin with water for at least 15 minutes. Wash clothing before reuse. Obtain medical attention.
Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	Do not induce vomiting. 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. Obtain medical attention immediately.
Additional information.....	Treat victims symptomatically. If symptoms such as gag reflex, convulsions or unconsciousness occur before vomiting, gastric lavage with a cuffed endotracheal tube should be considered. 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

Extinguishing media.....	Carbon dioxide, dry chemical, foam. Water spray.
Hazardous combustion products.....	Oxides of carbon (CO, CO ₂).
Special fire fighting procedures.....	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. Vapour forms a flammable / explosive mixture with air between upper and lower flammable limits. 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.....	Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear proper protective equipment. Eliminate all sources of ignition. Ventilate area to remove the remaining vapours. Absorb with an inert dry material and place in an appropriate waste container. The spill area should then be washed down with soap and water to dilute and remove remaining traces of material. 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.
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SECTION 07: Handling and storage

Handling procedures.....	Avoid skin and eye contact. Avoid breathing vapours or mist. Keep away from heat, sparks, and open flame. Containers must be grounded and bonded. Do not use near sources of ignition, open flames or sparks. Do not cut, drill, weld or grind on or near the container. Open containers slowly to allow for any pressure build-up to escape. Keep containers closed when not in use. Employees should wash hands and face before eating or drinking.
Storage needs.....	Store in a cool, dry and well ventilated area. Keep away from heat, sparks, and open flames. Store away from oxidizing and reducing materials.

SECTION 08: Exposure controls / personal protection

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	
Acetone	500 ppm	750 ppm	1,000 ppm	Not established	250 ppm
Butyl Acetate	150 ppm	200 ppm	150 ppm	200 ppm vacated	150 ppm - STEL 200 ppm
Methyl N-Amyl Ketone	50 ppm	Not established	100 ppm	465 mg/m3 TWA	Not established
N-Butyl Propionate	Not Established	Not Established	Not Established	Not Established	Not Established
Methyl Isobutyl Ketone	50 ppm	75 ppm	100 ppm	Not established	50 ppm / STEL 75 ppm
C7-C9 Branched Alkyl Esters	Not established	Not established	Not established	Not established	Not established

PRODUCT: 12170 ULTRA FAST DRY 4:1 CLEAR**SECTION 08: Exposure controls / personal protection**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Dibutyltin Bis (Acetylacetonate)	Not established	Not established	Not established	Not established	Not established
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
Acetic Acid	10 ppm	15 ppm	25 mg/m3	Not established	25 mg/m3
Eye/type.....	Chemical safety goggles. Chemical safety goggles and full faceshield if a splash hazard exists.				
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits. Be sure to use NIOSH approved respirator or equipment. Do not exceed the use limits of the respirator.				
Gloves/ type.....	Chemical resistant gloves.				
Clothing/type.....	Wear adequate protective clothes. Wear long sleeves and trousers to prevent dermal exposure.				
Footwear/type.....	Safety boots per local regulations.				
Other/type.....	Eye wash facility and emergency shower should be in close proximity.				
Ventilation requirements.....	Use local exhaust or general room ventilation sufficient to prevent overexposure.				

SECTION 09: Physical and chemical properties

Physical state.....	Liquid.
Colour.....	Clear, colourless.
Odour.....	Fruity odour.
Odour threshold (ppm).....	Not Available.
Vapour pressure (mm Hg).....	11.3 mmHg @ 25°C.
Vapour density (air=1).....	3.9.
pH.....	7.
Relative Density (Specific Gravity).....	0.968 - 7.82 lb/usg.
Freezing point (deg C).....	-74°C (-101°F).
Solubility.....	Soluble.
Boiling point (deg C).....	126°C (259°F).
Evaporation rate.....	0.34.
Flash point (deg C), method.....	-20°C.
Auto ignition temperature (deg C).....	390°C (734°F).
Upper flammable limit (% vol).....	7.5.
Lower flammable limit (% vol).....	1.2.
Coefficient of water/oil distribution.....	Not Available.
VOC.....	2.01 lb/usg - 240.9 g/L.
Viscosity.....	15 sec Zahn #2.

SECTION 10: Stability and reactivity

Stability.....	Stable at normal temperatures and pressures.
Reactivity conditions.....	Avoid heat, sparks and flames.
Incompatibility.....	Strong oxidizers.
Hazardous products of decomposition.....	Oxides of carbon (CO,CO2).
Hazardous polymerization.....	Will not occur under normal temperature and pressure.

SECTION 11: Toxicological information

INGREDIENTS	LC50	LD50
Acetone	50,100 mg/m3 8 hours rat inhalation	5,800 mg/kg rat oral
Butyl Acetate	2000 ppm 4 hours rat	10768 mg/kg oral rat 17600 mg/kg dermal rabbit
Methyl N-Amyl Ketone	Not Available	1,670 mg/kg rat oral 12,600 mg/kg rabbit dermal
N-Butyl Propionate	Not Available	Not Available
Methyl Isobutyl Ketone	8.2 - 16.4 mg/L 4 hours rat	2080 mg/kg rat oral >16,000 mg/kg rabbit dermal
C7-C9 Branched Alkyl Esters	Not Available	>2,000 mg/kg oral rat >2,000 mg/kg dermal rat

PRODUCT: 12170 ULTRA FAST DRY 4:1 CLEAR**SECTION 11: Toxicological information**

INGREDIENTS	LC50	LD50
Dibutyltin Bis (Acetylacetonate)	Not Available	Not Available
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Acetic Acid	2810 ppm 4 hours mouse	3530 mg/kg oral rat
Route of entry	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Causes skin irritation. Causes serious eye irritation. Irritating to mucous membranes and upper respiratory tract. Excessive inhalation of this product may cause dizziness.	
Effects of chronic exposure.....	Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.	
Carcinogenicity of material.....	Methyl isobutyl ketone is known to the state of California to cause cancer and developmental effects. Methyl Isobutyl Ketone is possibly carcinogenic to humans (Group 2B).	
Reproductive effects.....	No known reproductive effects.	

SECTION 12: Ecological information

Environmental.....	Do not allow to enter waters, waste water or soil. May be harmful to aquatic life.
Biodegradability.....	Not Available.

SECTION 13: Disposal considerations

Waste disposal.....	Do not heat or cut empty containers with electric or gas torch. This material and its container must be disposed of as hazardous waste. Avoid release to the environment. Dispose of as an industrial waste in a manner acceptable to good waste management practice and in accordance with applicable local, provincial/State or federal regulations.
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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 Liters/1.3 Gallons).
IATA Classification (Air).....	UN1263 - Paint Related Material - Class 3 - Packing Group II.
IMDG Classification (Marine).....	UN1263 - Paint Related Material - Class 3 - Packing Group II - EmS: F-E S-E.
Marine Pollutant.....	Potential 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).
TSCA inventory status.....	All components are listed.
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.....	Fire hazard. Delayed Health.
Section 313.....	N-Butyl Acetate. Xylene. Acetone. Methyl Isobutyl Ketone. Acetic Acid.
EPA hazardous air pollutants (HAPS)	Xylene. Methyl Isobutyl Ketone.
40CFR63	
California Proposition 65.....	Methyl Isobutyl Ketone is known by the State of California to cause cancer and adverse fetal developmental effects.

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.
Preparation date:	APR 07/2016