



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

**PRODUCT: 12030 BASE COAT CONVERTER**

### SECTION 01: IDENTIFICATION

Initial supplier identifier..... Pro Form Products Ltd.  
604 McGeachie Drive  
Milton, Ontario L9T3Y5  
Tel (905) 878-4990 Fax (905) 878-1189

Product identifier..... 12030 BASE COAT CONVERTER

Recommended use and restrictions on .. Paints. for industrial use only-keep out of reach of children . This product should not be  
use used for any other purpose other than the ones described in this section.

Chemical family..... Paint additive.

NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.

HMIS..... H: 2 F: 3 R: 0.

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



Signal Word..... DANGER.

Hazard Classification..... Flammable Liquid 2. Eye Irritant 2. Skin Irritation — Category 2.

Hazard Description..... H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H319 Causes  
serious eye irritation.

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. P264 Wash thoroughly after handling.  
P280 Wear protective gloves and eye 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 . P321 - For specific treatment see section 4 on this SDS. 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.  
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

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
n-Butyl Acetate	123-86-4	50-60
Acetone	67-64-1	10-20
Butyl Alcohol	71-36-3	7-13
Propylene Glycol Monomethyl Ether Acetate	108-65-6	5-10

### 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.

**PRODUCT: 12030 BASE COAT CONVERTER****SECTION 04: FIRST-AID MEASURES**

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 aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.
Additional information.....	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 media	"Alcohol" foam, CO <sub>2</sub> , dry chemical.
Specific hazards arising from the hazardous product, such as the nature of any hazardous combustion products	Oxides of carbon (CO, CO <sub>2</sub> ). Toxic vapours may be evolved upon exposure to heat or open flame.
Special protective equipment and precautions for fire-fighters	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. 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%).
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**SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling.....	Avoid breathing vapours or mist. Ground handling equipment. Handle and open container with care. Keep away from heat, sparks, and open flame.
Conditions for safe storage, including any incompatibilities	Keep container closed when not in use. Store away from all sources of heat and ignition. Store away from oxidizing and reducing materials. Store away from sunlight.

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

INGREDIENTS	ACGIH TLV		PEL	OSHA PEL		REL	NIOSH
	TWA	STEL		STEL	STEL		
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm		150 ppm / STEL 200 ppm	
	CA ON: 50ppm (TWA), 150ppm (STEL)						
Acetone	250 ppm TLV	500 ppm	1,000 ppm	Not established		250 ppm	
	CA ON AB: 500ppm (TWA); 750ppm (STEL)						
Butyl Alcohol	20 ppm	Not established	100 ppm	Not established		50 ppm skin	
	CA ON: 20 ppm (TWA)						
Propylene Glycol Monomethyl Ether Acetate	Not established	Not established	Not established	Not established		Not established	
Eye/type.....	Liquid chemical goggles.						
Gloves/ type.....	Chemical resistant gloves.						
Clothing/type.....	Wear adequate protective clothes.						
Footwear/type.....	Safety boots per local regulations.						
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.						
Other/type.....	Emergency showers and eye wash stations should be available.						
Appropriate engineering controls.....	Provide natural or mechanical ventilation to control exposure levels below airborne exposure limits. Local mechanical exhaust ventilation should be used at sources of air contamination, such as open process equipment, or during purging operations, to capture gases and fumes that may be emitted. Standard reference sources regarding industrial ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation.						

**PRODUCT: 12030 BASE COAT CONVERTER****SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state.....	Liquid.
Colour.....	Clear to pale yellow.
Odour.....	Solvent odour.
Odour threshold (ppm).....	Not available.
pH.....	Not applicable.
Melting / Freezing point (deg C).....	> - 67.
Initial boiling point / boiling range (deg C).....	> 117.
Flash point (deg C), method.....	-18°C.
Evaporation rate.....	1.0.
Upper flammable limit (% vol).....	12.6.
Lower flammable limit (% vol).....	1.2.
Vapour pressure (mm Hg).....	11.3 mmHg @ 25°C.
Vapour density (air=1).....	>1.
Relative Density (Specific Gravity).....	0.884 - 7.38 lbs/USG.
Solubility.....	Partially in water.
Partition coefficient — n-octanol/water.....	Not available.
Auto ignition temperature (deg C).....	> 272°C .
Decomposition temperature.....	Not available.
Viscosity.....	820 cps Spindle #3 @ 20 rpm.
VOC (less water).....	5.22 lbs/USG; 625.5 g/L.

**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.
Conditions to avoid, including static discharge, shock or vibration .....	Keep away from heat. Incompatible with strong oxidizers.
Hazardous decomposition products.....	Oxides of carbon (CO,CO2).
Possibility of hazardous reactions.....	Will not occur under normal temperature and pressure.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
n-Butyl Acetate	>33 mg/L vapour, (rat) dust/mist	5.2 mg/L 10760 mg/kg (rat, oral) 14112 mg/kg (rabbit, dermal)
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Butyl Alcohol	8,000 ppm 4 hours	790 mg/kg rat oral 3,400 mg/kg rabbit dermal
Propylene Glycol Monomethyl Ether Acetate	Not Available	8,532 mg/kg (rat oral) >5,000 mg/kg (rabbit dermal)
Route of exposure.....	Eye contact. Skin contact. Inhalation.	
Effects of acute exposure.....	Can be irritating to eyes and skin. May cause irritation in the respiratory tract. Inhalation of vapours or mist may cause drowsiness or dizziness.	
Effects of chronic exposure.....	None known.	
Carcinogenicity of material.....	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.	
Reproductive effects.....	No known reproductive effects.	

**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	Empty containers must be handled with care due to product residue. This material and its container must be disposed of as hazardous waste. Avoid release to the environment.
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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.
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.

**PRODUCT: 12030 BASE COAT CONVERTER****SECTION 14: TRANSPORT INFORMATION**

Marine Pollutant..... No.  
 Proof of Classification..... In accordance with Part 2.2.1 of the Transportation of Dangerous Goods Regulations (July 2, 2014) - we certify that classification of this product is correct. .

**SECTION 15: REGULATORY INFORMATION**

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 ..... None.  
 substances  
 Section 311/312 - hazard categories..... Immediate health, delayed health, fire hazard.  
 Section 313..... Butyl alcohol. N-Butyl Acetate.  
 EPA hazardous air pollutants (HAPS) ..... None.  
 40CFR63  
 California Proposition 65..... This product does not contain any chemical(s) known to the State of California to cause cancer or reproductive toxicity.

**SECTION 16: OTHER INFORMATION**

Prepared by: ..... REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.  
 Telephone number:..... (800) 387-7981.  
 Disclaimer:..... DISCLAIMER: All information appearing herein is based upon data obtained from experience and recognized technical sources. To the best of our knowledge, it is believed to be correct as of the date of issue but we make no representations as to its accuracy or sufficiency and do not suggest or guarantee that any hazards listed herein are the only ones which exist. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. The information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.  
 Review Date:..... 2022-11-30.  
 Date of the latest revision of the safety .. 2016-08-31  
 data sheet