



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

**PRODUCT: 12000 BASE COAT BALANCER 1 GAL**

### SECTION 01: Chemical product and company identification

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

Product name..... 12000 BASE COAT BALANCER 1 GAL

Recommended use and restrictions on use.. Paints.

Chemical family..... Acrylic coating.

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

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

24 hour emergency number:..... IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES  
CALL CHEMTREC 1-800-424-9300. .

### SECTION 02: Hazards identification



Signal Word..... DANGER.

Hazard Classification..... Flammable Liquid 2. Aspiration Toxicity 1. Skin Irritant 2. Eye Irritant 2. Acute Toxicity 4. STOT SE 3. Reproductive 2. STOT RE 2.

Hazard Description..... H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H361 This product contains ingredients that are suspected of damaging fertility or the unborn child. H373 May cause damage to the liver and kidneys through prolonged or repeated contact.

Prevention..... P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground and bond container and receiving equipment. P241 Use explosion proof equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P280 Wear protective gloves and eye protection. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P260 Do not breathe mist, vapours, or spray.

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. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P308 + P313 If exposed or concerned, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS.

Storage..... P403 + P235 Store in well ventilated area. Keep cool. P405 Store locked up. P233 Keep container tightly closed.

Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

### SECTION 03: Composition/Information on Ingredients

HAZARDOUS INGREDIENTS	CAS #	WT. %
Toluene	108-88-3	25-30
Xylene	1330-20-7	15-20
Acetone	67-64-1	10-15

**PRODUCT: 12000 BASE COAT BALANCER 1 GAL****SECTION 03: Composition/Information on Ingredients**

Isopropyl Alcohol	67-63-0	5-10
N-Butyl Acetate	123-86-4	5-10
Methyl Ethyl Ketone	78-93-3	3-7
Methyl N-Amyl Ketone	110-43-0	1-5

**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 aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.
Additional information.....	Treat victims symptomatically. The main hazard from ingestion is aspiration of the liquid into the lungs producing chemical pneumonitis. In the event of an incident involving this product ensure that medical authorities are provided a copy of this safety data sheet.

**SECTION 05: Fire fighting measures**

Suitable and unsuitable extinguishing media	"Alcohol" foam, CO2, dry chemical. Do not use water in a jet.
Hazardous combustion products.....	Oxides of carbon (CO, CO2). Toxic vapours may be evolved upon exposure to heat or open flame.
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. 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. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. 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.
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**SECTION 07: Handling and storage**

Handling procedures.....	Keep away from heat, sparks, and open flame. 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.
Storage needs.....	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	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm	
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established	
Acetone	500 ppm	750 ppm	1,000 ppm	Not established	250 ppm	

**PRODUCT: 12000 BASE COAT BALANCER 1 GAL**

**SECTION 08: Exposure controls / personal protection**

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Isopropyl Alcohol	200 ppm	400 ppm	400 ppm (TWA)	500 ppm	400 ppm
N-Butyl Acetate	150 ppm	200 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm
Methyl Ethyl Ketone	200 ppm	300 ppm	200 ppm	Not established	200 ppm TWA
Methyl N-Amyl Ketone	50 ppm	Not established	100 ppm	465 mg/m3 TWA	Not established
Protective equipment					
Eye/type.....	Liquid chemical goggles.				
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.				
Gloves/ type.....	Chemical resistant gloves.				
Clothing/type.....	Wear adequate protective clothes.				
Footwear/type.....	Safety boots per local regulations.				
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. . Ventilation system must be designed vapor and explosion proof for handling solvent vapors.				

**SECTION 09: Physical and chemical properties**

Physical state.....	Liquid.
Odour.....	Solvent odour.
Odour threshold (ppm).....	Not available.
Vapour pressure (mm Hg).....	Not available.
Vapour density (air=1).....	>1.
pH.....	Not applicable.
Relative Density (Specific Gravity).....	0.884 - 7.38 lbs/USG.
Melting / Freezing point (deg C).....	-40°C.
Solubility.....	Slightly soluble in water.
Initial boiling point / boiling range (deg C).....	56.2.
Evaporation rate.....	Moderate.
Flash point (deg C), method.....	-18°C. (estimated).
Auto ignition temperature (deg C).....	> 215.
Upper flammable limit (% vol).....	12.6.
Lower flammable limit (% vol).....	0.9.
Coefficient of water/oil distribution.....	Not available.
VOC.....	4.98 lb/usg.
Viscosity.....	40 seconds Zahn # 2.

**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.....	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
Toluene	8000 ppm rat inhalation mouse inhalation 24hr	400 ppm 5,000 mg/kg rat oral; 12,124 mg/kg rabbit dermal
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Acetone	50,100 mg/m3 8 hours rat inhalation	5,800 mg/kg rat oral

**PRODUCT: 12000 BASE COAT BALANCER 1 GAL****SECTION 11: Toxicological information**

INGREDIENTS	LC50	LD50
Isopropyl Alcohol	16,000 ppm 8 hours rat	5,000 mg/kg rat oral. 12,800 mg/kg rabbit dermal
N-Butyl Acetate	>29.2 mg/L 4 hour rat >23.4 mg/L aerosol 4 hour rat	>3200 mg/kg rat oral >5000 mg/kg rabbit dermal
Methyl Ethyl Ketone	>5,000 ppm (6 hours, rat) 11000 ppm (45 minutes, mouse)	3,400 mg/kg (rat, oral) >8000 mg/kg (rabbit, dermal) 670 mg/kg (mouse, oral)
Methyl N-Amyl Ketone	Not Available	1,670 mg/kg rat oral 12,600 mg/kg rabbit dermal

Route of entry .....	Eye contact. Skin contact. Inhalation.
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.
Skin contact.....	Can cause moderate irritation, defatting and dermatitis.
Skin absorption.....	Chronic skin exposure to solvents may cause effects similar to those identified under chronic inhalation.
Eye contact.....	Can cause redness, irritation, tissue destruction.
Inhalation (acute).....	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.
Inhalation (chronic).....	Chronic exposure to organic solvent vapors have been associated with various neurotoxic 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.....	Aspiration of material into lungs can cause chemical pneumonitis which can be fatal. May be harmful or fatal if swallowed.
Effects of chronic exposure.....	Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. There is some evidence to suggest that long-term exposure to Toluene may affect hearing. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.
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.....	Toluene is fetotoxic in rats and mice at maternally toxic levels. Prolonged and repeated exposure of pregnant animals (>1500 ppm) to Toluene have been reported to cause adverse fetal 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. In one study, Methyl Ethyl Ketone has been found to cause embryol toxicity in large concentrations.

**SECTION 12: Ecological information**

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

**SECTION 13: Disposal considerations**

Waste disposal.....	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.
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. .

**PRODUCT: 12000 BASE COAT BALANCER 1 GAL****SECTION 15: Regulatory information**

WHMIS 1988 classification.....	B2, D2A, D2B.
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.....	Immediate health, delayed health, fire hazard.
Section 313.....	Isopropyl alcohol. Methyl Ethyl Ketone. Toluene. Xylene.
EPA hazardous air pollutants (HAPS) 40CFR63 .....	Toluene. Xylene.
California Proposition 65.....	*WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. (Toluene). *WARNING: This product contains a chemical known to the State of California to cause cancer. (Ethyl benzene).

**SECTION 16: Other information**

Prepared by: .....	REGULATORY AFFAIRS. Trivalent Data Systems Ltd. <a href="http://www.trivalent.com">www.trivalent.com</a> .
Telephone number:.....	(800) 387-7981.
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Preparation date: .....	JUL 31/2017