



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

**PRODUCT: 11024 BLUE CREAM HARDENER 1 OZ**
**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..... 11024 BLUE CREAM HARDENER 1 OZ

Recommended use and restrictions on use Accelerator and activator.

Chemical family..... Mixture.

NFPA rating..... Health: 2 Fire: 1 Reactivity: 1.

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

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..... WARNING.

Hazard Classification..... Organic Peroxides — Type E. Skin Sensitizer 1. Eye Irritation — Category 2A.

Hazard Description..... H242 Heating may cause a fire. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.

Prevention..... P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P234 Keep only in original packaging. P235 Keep cool. P240 Ground and bond container and receiving equipment. 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 ..... P370 + P378 In case of fire - use dry chemical powder, CO2 or foam to extinguish. 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. P302 + P352 - If on skin: wash with plenty of water. . P362 + P364 - Take off contaminated clothing and wash before reuse. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS.

Storage..... P403 Store in a well ventilated area. P410 Protect from sunlight. P411 Store at temperatures not exceeding 38°C / 100°F. P420 Store separately.

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

Note ..... This product mixture has been classified based on its ingredients.

**SECTION 03: Composition/Information on Ingredients**

HAZARDOUS INGREDIENTS	CAS #	WT. %
Benzoyl peroxide	94-36-0	50-55
C9-11-branched alkyl benzoate	131298-44-7	15-20

**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.

**PRODUCT: 11024 BLUE CREAM HARDENER 1 OZ****SECTION 04: First aid measures**

Ingestion.....	Do not induce vomiting. 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.
Most important symptoms and effects, ..... whether acute or delayed	Can cause skin sensitization. Causes serious eye irritation.
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). Emits toxic fumes under fire conditions.
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. Cool fire-exposed containers with cold water spray. Heat will cause pressure buildup and may cause explosive rupture.
Unusual fire / explosion hazards.....	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**

Leak/spill.....	Ventilate. Eliminate all sources of ignition. Isolate area and keep unauthorized people away. Do not walk through spilled material. Contain the spill. Prevent runoff into drains, sewers, and other waterways. Absorb with earth, sand, or another dry inert material. Recover spilled material and place in suitable containers for recycling or disposal. Avoid solvent cleaners. 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. Do not breathe vapours, mist or dust. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Handle in accordance with good industrial hygiene and safety practices. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. 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 strong oxidizers. Store away from acids.

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

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
Benzoyl peroxide	5 mg/m3	Not Established	5 mg/m3	Not Established	5 mg/m3 TWA	
C9-11-branched alkyl benzoate	No data					
Respiratory/type.....	Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.					
Eye/type.....	Liquid chemical goggles.					
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. .					

**PRODUCT: 11024 BLUE CREAM HARDENER 1 OZ****SECTION 09: Physical and chemical properties**

Physical state.....	Paste. Thick.
Colour.....	Blue.
Odour.....	No data.
Odour threshold (ppm).....	Not available.
Initial boiling point / boiling range (deg C).....	No data.
Evaporation rate.....	No data.
Flash point (deg C), method.....	94.
Melting / Freezing point (deg C).....	No data.
Melting point (deg c).....	Not available.
pH.....	No data.
Auto ignition temperature (deg C).....	Not available.
Lower flammable limit (% vol).....	No data.
Upper flammable limit (% vol).....	No data.
Solubility.....	No data.
Relative Density (Specific Gravity).....	1.2.
Density.....	10 lbs/USG.
Vapour density (air=1).....	No data.
Vapour pressure (mm Hg).....	No data.
Viscosity.....	Not Available.
VOC.....	No data.
Decomposition temperature.....	Not available.

**SECTION 10: Stability and reactivity**

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity .....	Hazardous polymerization will not occur. Avoid heat, sparks and flames.
Possibility of hazardous reactions.....	Hazardous polymerization will not occur.
Conditions to avoid.....	Avoid contact in uncontrolled conditions with: . Strong oxidizers. Acids.
Hazardous decomposition products.....	See hazardous combustion products section 5.

**SECTION 11: Toxicological information**

INGREDIENTS	LC50	LD50
Benzoyl peroxide	No data	7710 mg/kg (Rat, Oral)
C9-11-branched alkyl benzoate	Not available	Not available
Route of exposure.....	Eye contact. Skin contact. Ingestion. Inhalation.	
Effects of acute exposure.....	Causes serious eye irritation. Contact with paste may result in irritation, redness, tearing, and blurred vision. May cause sensitization by skin contact. May cause skin irritation.	
Effects of chronic exposure.....	Prolonged or repeated skin contact may cause drying or cracking of skin.	
Carcinogenicity of material.....	This product is not listed by NTP, IARC or regulated as a carcinogen by OSHA.	
Reproductive effects.....	No data.	
Sensitizing capability of material.....	May cause sensitization by skin contact.	

**SECTION 12: Ecological information**

Environmental.....	Do not allow to enter waters, waste water or soil. This material meets the definition of a marine pollutant.
Other adverse effects	
Persistence and degradability.....	Not available.

**SECTION 13: Disposal considerations**

Waste disposal.....	Empty containers must be handled with care due to product residue. 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.....	UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. The product meets the Limited Quantity exemption when packaged in containers less than 0.5 kg.
DOT Classification (Road).....	UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. Limited quantity: 0.5 kg (solids).
IATA Classification (Air).....	UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. Do not ship by air without checking appropriate IATA regulations.
IMDG Classification (Marine).....	UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. EmS-No: F-J, S-R. Check IMDG regulations for limited quantity exemptions.

**PRODUCT: 11024 BLUE CREAM HARDENER 1 OZ****SECTION 14: Transport information**

Marine Pollutant..... Yes.  
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..... Fire hazard. Reactive.  
Section 313..... Benzoyl peroxide.  
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.  
Preparation date: ..... JAN 30/2018