

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

11282 REVOLUTION PREMIUM FINISHING PUTTY 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

11282 REVOLUTION PREMIUM FINISHING PUTTY

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

Chemical family.....

NFPA rating..... HMIS.....

Signal Word.....

24 hour emergency number:....

Automotive.

Mixture. Health: 2 Fire: 3 Reactivity: 0.

H: 2 F: 3 R: 0.

DANGER.

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



Hazard Classification Flammable Liquid 3. Aspiration Toxicity 1. Skin Sensitizer — Category 1. Acute Toxicity 4. Respiratory Sensitizer — Category 1. Carcinogenicity — Category 1. Specific Target Organ Toxicity — Repeated Exposure — Category 1. Hazard Description. Hazard Descrip
Organ Toxicity — Repeated Exposure — Category 1. Hazard Description
Hazard Description
airways. H317 May cause an allergic skin reaction. H332 Harmful if inhaled. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H350 This product contains ingredients that may cause cancer. H372 Causes damage to organs through prolonged or repeated exposure. Prevention
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contains ingredients that may cause cancer. H372 Causes damage to organs through prolonged or repeated exposure. 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. P260 Do not breathe mist, vapours, or spray. P271 Use only outdoors or in a well ventilated area. P284 In case of inadequate ventilation wear respiratory protection. P272 Contaminated work clothing should not be allowed out of the workplace. P264 Wash thoroughly after handling. P270 Do not eat drink or smoke while using this product. 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 . P302 + P352 - If on skin: wash with plenty of water. P333 + P313 if skin irritation or rash occurs, get medical advice/attention. P362 + P364 - Take off contaminated clothing and wash before reuse. P301 + P310 if swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P342 + P311 if experiencing respiratory symptoms; call poison center or doctor.
Prevention. Preve
Prevention
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P308 + P313 If exposed or concerned, get medical advice/attention. P321 - For specific
treatment see section 4 on this SDS.
Storage
Disposal

PRODUCT: 11282 REVOLUTION PREMIUM FINISHING PUTTY

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS				
CHEMICAL NAME AND SYNONYMS	CAS#	WT. %		
Styrene	100-42-5	17-21		
Talc	14807-96-6	15-25		
Titanium Dioxide	13463-67-7	1-3		
Crystalline silica	14808-60-7	<0.5		
2-Phenoxyethanol	122-99-6	0.1-1		
Tetrahydrophthalic acid anhydride	85-43-8	0.1-1		

SECTION 04: FIRST-AID MEASURES

Eye contact	
Skin contact	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	
Additional information	aspiration of fluid into the lungs. Never give anything by mouth to an unconscious person.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable and unsuitable extinguishing media

"Alcohol" foam, CO2, dry chemical. Water fog.

Oxides of carbon (CO, CO2). Hydrocarbon fumes and smoke.

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. 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.

SECTION 06: ACCIDENTAL RELEASE MEASURES

l eak/spill

Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Evacuate all non-essential personnel. 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. 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%). Prevent runoff into drains, sewers, and other waterways.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....

Keep away from heat, sparks, and open flame. Ground handling equipment. 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. Employees should wash hands and face before eating or drinking. Avoid breathing vapours or mist. Handle and open container with care.

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. Containers must be grounded.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PRODUCT: 11282 REVOLUTION PREMIUM FINISHING PUTTY

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	GIH TLV STEL	OSH/ PEL	A PEL STEL	NIOSH REL
Styrene	20 ppm CA ON: 35ppm (T	40 ppm WA), 100ppm (STEL)	100 ppm	Not established	100 ppm
Talc	2 mg/m3 CA ON: 2mg/kg (7	Not established	2 mg/m3 TWA	Not established	Not established
Titanium Dioxide	10 mg/m3 CA ON: 10 mg/m3	Not established	15 mg/m3	Not established	Not established
Crystalline silica	Not Established CA ON: 0.10 mg/r	Not Established m3 (Resp) TWA	Not Established	Not Established	Not Established
2-Phenoxyethanol	No data No data	No data	No data	No data	No data
Tetrahydrophthalic acid anhydride	Not established	Not established	Not established	Not established	Not established
Personal Protective Equipment Eye/type				elow airborne at sources of air erations, to capture garding industrial	

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state		Paste.
Colour		White.
Odour		Hydrocarbon odour.
Odour threshold (ppm)		0.15-25 ppm (Styrene).
Vapour pressure (mm Hg)		4.5 mmHg @ 20C (styrene).
Vapour density (air=1)		3.6 (Styrene).
pH		Not applicable.
Relative Density (Specific Gra	avity)	1.07 - 8.944 lb/usg.
Melting / Freezing point (deg		Not available.
Solubility		Slightly soluble in water.
Initial boiling point / boiling rai	nge (deg C).	145°C.
Evaporation rate		Not available.
Flash point (deg C), method		31. (estimated).
Auto ignition temperature (de		490°C.
Upper flammable limit (% vol)		6.8.
Lower flammable limit (% vol)		0.9.
Partition coefficient — n-octai		Not available.
VOC (less water)		0.40 lbs/USG.
Viscosity		116,000 cps @ 10 rpm spindle D

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.
Possibility of hazardous reactions	Will not occur under normal temperature and pressure. At elevated temperature (>77 C);.
	Product can undergo hazardous polymerization. Polymerization can generate sufficient
	heat to cause violent explosion.
Conditions to avoid, including static	Keep away from heat. Incompatible with strong oxidizers. Organic peroxides.
discharge, shock or vibration	
Hazardous decomposition products	See hazardous combustion products section 5.

PRODUCT: 11282 REVOLUTION PREMIUM FINISHING PUTTY

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50	
Styrene	2770 ppm 4 hr rat	5000 mg/kg (rat oral)	
Talc	Not available	Not available	
Titanium Dioxide	>6.8 mg/L (4 hr)	>10,000 mg/kg (rat, oral) >10,000 mg/kg (rabbit, dermal)	
Crystalline silica	Not Available	Not Available	
2-Phenoxyethanol	No data	1260 mg/kg Oral Rat	
Tetrahydrophthalic acid anhydride	No data	5410 mg/kg rat oral	
Route of exposure Effects of acute exposure			
Effects of chronic exposure	Prolonged or repeated exposure may lead to allergic skin reactions. Prolonged or repeated exposure may result in an allergic respiratory reaction in sensitive individuals. This product contains crystalline silica. Excessive long-term exposure to crystalline silica may cause silicosis, a form of disabling, progressive and sometimes fatal fibrotic lung disease. Severe and permanent lung damage may result. Prolonged or repeated exposure may lead to		
Sensitizing capability of material Carcinogenicity of material			

SECTION 12: ECOLOGICAL INFORMATION

Environmental..... Do not allow to enter waters, waste water or soil.

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.

SECTION 14: TRANSPORT INFORMATION

UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - This product meets the
criterial for Limited Quantity Exemptions when packaged in containers less than 5 litres.
UN3269 - Polyester Resin Kit - Class 3 - Packing Group III.
UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - EmS: F-E S-D.
No.
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

WHMIS 1988 classification	This product is considered hazardous under the OSHA Hazard Communication Standard.
substances	Notice.
Section 311/312 - hazard categories	Immediate health, delayed health, fire hazard.
Section 313EPA hazardous air pollutants (HAPS)	
40CFR63	
California Proposition 65	*WARNING: This product contains a chemical known to the State of California to cause cancer. (Styrene). (Titanium dioxide - airborne, unbound particles of respirable size). (Silica, crystalline (airborne particles of respirable size).

PRODUCT: 11282 REVOLUTION PREMIUM FINISHING PUTTY

SECTION 16: OTHER INFORMATION

Prepared by:	RE(
Telephone number:	(80

GULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com. 0) 387-7981.

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.

data sheet

2022-11-30. 2017-04-19



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

PRODUCT: BLUE CREAM HARDENER

SECTION 01: IDENTIFICATION

Initial supplier identifier..... Pro Form Products Ltd. 604 McGeachie Drive

Milton, Ontario L9T3Y5 Tel (905) 878-4990 Fax (905) 878-1189

BLUE CREAM HARDENER Accelerator and activator.

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

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

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

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 Word..... WARNING. Hazard Classification..... Organic Peroxides — Type E. Skin Sensitizer — Category 1. Eye Irritation — Category Hazard Description..... H242 Heating may cause a fire. H317 May cause an allergic skin reaction. H319 Causes serious eve irritation. 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 Prevention..... 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.
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 Response 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 P403 Store in a well ventilated area. P410 Protect from sunlight. P411 Store at temperatures not exceeding 38°C / 100°F. P420 Store separately. Storage..... P501 Dispose all unused, waste or empty containers in accordance with local regulations. Disposal..... This product mixture has been classified based on its ingredients. Note

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS					
CHEMICAL NAME AND SYNONYMS CAS # WT. %					
Benzoyl peroxide C9-11-branched alkyl benzoate	94-36-0 131298-44-7	50-55 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.

Immediately remove all contaminated clothing, flush skin with water for at least 15 minutes. Wash clothing before reuse. If irritation persists, seek medical attention. Wash skin with soap and water.



PRODUCT: BLUE CREAM HARDENER

SECTION 04: FIRST-AID MEASURES

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. If ingestion is suspected, contact physician or poison control center immediately. If spontaneous vomiting occurs have victim lean forward with head Ingestion..... 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 Additional information.....

Can cause skin sensitization. Causes serious eye irritation.

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 Specific hazards arising from the

"Alcohol" foam, CO2, dry chemical. Do not use water in a jet.

Thermal decomposition products are toxic. May include:. Oxides of carbon (CO, CO2). Emits toxic fumes under fire conditions.

hazardous product, such as the nature of any hazardous combustion products 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. 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. This material is an oxidizer and may increase the intensity of any fire and the possibility of an explosion.

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.

SECTION 07: HANDLING AND STORAGE

Precautions for safe handling.....

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

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 strong oxidizers. Store away from acids.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	NIOSH REL
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		when contaminant level	s exceed the reco	d. Wear an appropriate, pro ommended exposure limits.	
		 Chemical resistant glove 			
	twear/type Safety boots per local regulation				
Other/type Emergency showers and eye wash stations should be available.					
Appropriate engineering controls Provide natural or mechanica exposure limits. Local mechan		nanical ventilation nechanical exhaus	to control exposure levels st ventilation should be use	below airborne d at sources of air	

PRODUCT: BLUE CREAM HARDENER

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate engineering controls.....

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 quidance about adequate ventilation.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state	Paste / solid. Blue/white. No data. Not available. No data. 1.2. 10. No data. Not available. Not available. Not available. Not available. Not available. Not available. 2.3 lbs/USG.
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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, including static

discharge, shock or vibration Incompatible materails.....

Hazardous decomposition products.....

Avoid heat, spark, open flames. Strong oxidizing agents. Acids.

No hazardous decomposition products when stored and handled correctly. See

hazardous combustion products section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS LC50 LD50

Benzoyl peroxide >24.3 mg/L (4 hr., vapour) 7710 mg/kg (Rat, Oral)

Not available C9-11-branched alkyl benzoate 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

May cause sensitization by skin contact. Sensitizing capability of material.....

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

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. 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.



PRODUCT: BLUE CREAM HARDENER

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. UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. DOT Classification (Road)..... Limited quantity: 0.5 kg (solids). UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. Do IATA Classification (Air)..... not ship by air without checking appropriate IATA regulations.
UN3108 - ORGANIC PEROXIDE TYPE E, SOLID (Benzoyl peroxide), Class 5.2, PG II. IMDG Classification (Marine)..... EmS-No: F-J, S-R. 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. .

SECTION 15: REGULATORY INFORMATION

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

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.

Prepared by:

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.

SECTION 16: OTHER INFORMATION

REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com.

Telephone number..... Disclaimer:.....

(800) 387-7981.
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. 2019-10-31

Date of the latest revision of the safety ...

data sheet

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