

Plastique Royal 2809 Rue Etienne Lenoir Laval, H7R 6J4 QC

# PRODUCT: PRFUS 101 FINISHING PUTTY KIT 50.7 FL 0Z

# **SECTION 01: Chemical product and company identification**

Manufactured for..... Plastique Royal Inc.,

2809 Rue Etienne-Lenoir Laval, QC H7R 6J4 PRFUS 101 FINISHING PUTTY 50.7 FL 0Z Product name.....

Recommended use and restrictions on use.. Automotive. Chemical family..... Mixture. Health: 2 Fire: 3 Reactivity: 0. NFPA rating.....

H: 2 F: 3 R: 0.
IN CANADA CALL CANUTEC 1-888-226-8832 (CAN-UTEC); IN THE UNITED STATES HMIS....24 hour emergency number:....

CALL CHEMTREC 1-800-424-9300. .

# **SECTION 02: Hazards identification**



Signal WordHazard Classification	DANGER. Flammable Liquid 3. Aspiration Toxicity 1. Skin Sensitizer 1. Acute Toxicity 4. Respiratory Sensitizer 1. Carcinogen 1. STOT RE 1.
Hazard Description	H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters 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	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
Response	not eat drink or smoke while using this product. 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. P308 + P313 If exposed or concerned, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS.
Storage Disposal	

SECTION 03: Composition/Information on Ingredients			
HAZARDOUS INGREDIENTS	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	



### PRODUCT: PRFUS 101 FINISHING PUTTY 50.7 FL 0Z

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

122-99-6 0.1-1 2-Phenoxyethanol Tetrahydrophthalic acid anhydride 85-43-8 0.1 - 1

### **SECTION 04: First aid measures**

In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at Eye contact..... least 15 minutes. Obtain medical attention. Remove all contaminated clothing and immediately wash the exposed areas with copious Skin contact..... amounts of water for a minimum of 30 minutes or up to 60 minutes for critical body areas. If irritation persists, seek medical attention. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is Inhalation..... difficult, give oxygen, obtain medical attention. If ingestion is suspected, contact physician or poison control center immediately. If Ingestion..... 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 Hazardous combustion products..... Special fire fighting procedures.....

"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

# **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. 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**

Handling procedures.....

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.

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. Containers must be grounded.

# SECTION 08: Exposure controls / personal protection

INGREDIENTS	TWA	GIH TLV STEL	OSI PEL	HA PEL STEL	NIOSH REL
Styrene	20 ppm	40 ppm	100 ppm	Not established	100 ppm
Talc	2 mg/m3	Not established	2 mg/m3 TWA	3 mg/m3 - QUE	Not established
Titanium Dioxide	10 mg/m3	Not established	15 mg/m3	Not established	Not established
Crystalline silica	Not Established	Not Established	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

### PRODUCT: PRFUS 101 FINISHING PUTTY 50.7 FL 0Z

# SECTION 08: Exposure controls / personal protection

Protective equipment

Eye/type..... Liquid chemical goggles.

Local exhaust ventilation is recommended. Wear an appropriate, properly fitted respirator Respiratory/type.....

when contaminant levels exceed the recommended exposure limits.

Chemical resistant gloves. Gloves/ type.....

Clothing/type..... Wear adequate protective clothes. Footwear/type.....

Safety boots per local regulations. Emergency showers and eye wash stations should be available. Other/type..... 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. .

# **SECTION 09: Physical and chemical properties**

Physical state..... Colour..... White. Hydrocarbon odour. Odour..... 0.15-25 ppm (Styrene). 4.5 mmHg @ 20C (styrene). Odour threshold (ppm)..... Vapour pressure (mm Hg)..... Vapour density (air=1)..... 3.6 (Styrene). pH.....Relative Density (Specific Gravity)..... Not applicable. 1.07 - 8.944 lb/usg. Melting / Freezing point (deg C)..... Not Available. Slightly soluble in water. Solubility..... Initial boiling point / boiling range (deg C)..... 145°C. Not available. 31. (estimated). Auto ignition temperature (deg C)..... 490°C.

Upper flammable limit (% vol)..... Lower flammable limit (% vol)..... 6.8. 0.9.

Coefficient of water\oil distribution..... Not available. 0.40 lbs/USG.

116,000 cps @ 10 rpm spindle D. Viscosity.....

### 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.

Will not occur under normal temperature and pressure. At elevated temperature (>77 C);. Possibility of hazardous reactions.....

Product can undergo hazardous polymerization. Polymerization can generate sufficient

narcosis characterized by nausea, lightheadedness and dizziness from overexposure by

heat to cause violent explosion.

Keep away from heat. Incompatible with strong oxidizers. Organic peroxides. See hazardous combustion products section 5. Conditions to avoid......Hazardous decomposition products.....

### 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	Not Available	> 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 entry Effects of acute exposure	Eye contact. Skin contact. Inhalation. The aromatic hydrocarbon solvents in this throat. In high concentration, they may cau	product can be irritating to the eyes, nose and

inhalation.

### PRODUCT: PRFUS 101 FINISHING PUTTY 50.7 FL 0Z

# **SECTION 11: Toxicological information**

Prolonged or repeated exposure may lead to allergic skin reactions. Prolonged or repeated Effects of chronic exposure.....

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 kidney or central nervous system symptoms. May cause damage to the respiratory system,

lungs, eyes, skin and central nervous system.

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

Styrene is classified by IARC as a Group 2B carcinogen. Quartz (Crystalline Silica) is listed by IARC in Group 1 as a carcinogen. . IARC has classified Titanium Dioxide as a group 2B carcinogen. This product contains non-asbestiform Talc, which is classified as a Group 3

(not classifiable as to carcinogenicity to humans) by IARC.

# **SECTION 12: Ecological information**

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

# **SECTION 13: Disposal considerations**

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

# **SECTION 14: Transport information**

TDG Classification..... 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.

IATA Classification (Air).....

UN3269 - Polyester Resin Kit - Class 3 - Packing Group III - EmS: F-E S-D. IMDG Classification (Marine).....

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**

WHMIS 1988 classification..... B2. D2A. D2B.

A component of this product is not on the NDSL. All components are listed.

CEPA status.....TSCA inventory status.....

OSHA..... This product is considered hazardous under the OSHA Hazard Communication Standard.

SARA Title III

Section 302 - extremely hazardous ..... None. substances

Immediate health, delayed health, fire hazard. Section 311/312 - hazard categories.....

Section 313..... Styrene.

EPA hazardous air pollutants (HAPS) ...... Styrene.

California Proposition 65.....

\*WARNING: This product contains a chemical known to the State of California to cause cancer. (Styrene). (Titanium dioxide). (Crystalline silica).

### **SECTION 16: Other information**

REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com. Prepared by: .....

(800) 387-7981. Telephone number:.....

DISCLAIMER: All information appearing herein is based upon data obtained from Disclaimer:..... 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 19/2017



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

Product identifier..... BLUE CREAM HARDENER Accelerator and activator.

Recommended use and restrictions on ...

Chemical family.....

Health: 2 Fire: 1 Reactivity: 1.

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

H: 2 F: 1 R: 1.

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..... WARNING. Hazard Classification..... Organic Peroxides — Type E. Skin Sensitizer — Category 1. Eye Irritation — Category H242 Heating may cause a fire. H317 May cause an allergic skin reaction. H319 Causes Hazard Description..... serious eye 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	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.

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: BLUE CREAM HARDENER

# **SECTION 04: FIRST-AID MEASURES**

person.
Can cause skin sensitization. Causes serious eye irritation.

Most important symptoms and effects, ..... whether acute or delayed 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.

Specific hazards arising from the ......hazardous product, such as the nature of any hazardous combustion products Special protective equipment and .....precautions for fire-fighters

Oxides of carbon (CO, CO2). Emits toxic fumes under fire conditions.

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.

#### **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.

ventilation (ie. ACGIH industrial ventilation) should be consulted for guidance about

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

INGREDIENTS	TWA	CGIH TLV STEL	OSH <i>F</i> PEL	A 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  Eye/type Gloves/ type Clothing/type Footwear/type Other/type Appropriate engineering		Local exhaust ventilation is when contaminant levels of Liquid chemical goggles. Chemical resistant gloves. Wear adequate protective Safety boots per local register boots per limits. Local med contamination, such as op gases and fumes that may	exceed the recommen clothes. ulations. eye wash stations sho nical ventilation to cor chanical exhaust venti	ded exposure limits.  uld be available.  itrol exposure levels bellation should be used a  it, or during purging ope	low airborne t sources of air erations, to capture

adequate ventilation. .

# PRODUCT: BLUE CREAM HARDENER

# **SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical stateColour	Paste. Thick. Blue/white.
OdourOdour threshold (ppm)	No data. Not available.
Initial boiling point / boiling range (deg C). Evaporation rate	No data. No data.
Flash point (deg C), method	94. No data.
Melting / Frèezing point (deg C)Melting point (deg c)	Not available.
pHAuto ignition temperature (deg C)	No data. Not available.
Lower flammable limit (% vol)	No data.
Upper flammable limit (% vol) Solubility	No data. No data.
Relative Density (Specific Gravity)	1.2.
DensityVapour density (air=1)	10 lbs/USG. No data.
Vapour pressure (mm Hg)	No data.
Viscosity	Not Available. 2.3 lbs/USG.
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, including static ....... Avoid contact in uncontrolled conditions with: . Strong oxidizers. Acids.

discharge, shock or vibration

Hazardous decomposition products....... 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)	
C9-11-branched alkyl benzoate	Not available	Not available	

Route of exposure...... Eye contact. Skin contact. Ingestion. Inhalation.

Reproductive effects...... No data.

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

#### **SECTION 12: ECOLOGICAL INFORMATION**

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.

# **SECTION 14: TRANSPORT INFORMATION**

Limited quantity: 0.5 kg (solids).



#### PRODUCT: BLUE CREAM HARDENER

### **SECTION 14: TRANSPORT INFORMATION**

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..... 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**

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 .........

substances

Section 311/312 - hazard categories....... Section 313.....

EPA hazardous air pollutants (HAPS) ......

40CFR63 California Proposition 65..... None.

Fire hazard. Reactive. Benzoyl peroxide.

None.

This product does not contain any chemical(s) known to the State of California to cause

cancer or reproductive toxicity.

#### **SECTION 16: OTHER INFORMATION**

REGULATORY AFFAIRS. Trivalent Data Systems Ltd. www.trivalent.com. (800) 387-7981.

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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.

Date of the latest revision of the safety ... 2018-01-30

data sheet