



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

**PRODUCT: RCAE 3242 ENGINE ENAMEL CAST BLAST M473CB**

### SECTION 01: IDENTIFICATION

Product identifier..... RCAE 3242 ENGINE ENAMEL CAST BLAST M473CB  
Initial supplier identifier..... Pro Form Products Ltd.  
604 McGeachie Drive  
Milton, Ontario L9T3Y5  
Tel (905) 878-4990 Fax (905) 878-1189  
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 \*\*.  
Recommended use and restrictions on .. Paint related materials. No restrictions on use known.  
use  
Chemical family..... Mixture.  
Hazard rating  
NFPA rating..... Health: 2 Fire: 3 Reactivity: 0.  
HMIS..... H: 2 F: 3 R: 0.

### SECTION 02: HAZARD IDENTIFICATION



Hazard Classification..... Flammable Aerosols — Category 1. Gases Under Pressure: Liquefied Gas. Skin Corrosion — Category 1. Eye Irritation — Category 2A. Skin Sensitizer — Category 1. Carcinogenicity — Category 1. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Single Exposure — Category 3. Specific Target Organ Toxicity — Repeated Exposure — Category 2. Aspiration Toxicity 1.  
Signal Word..... DANGER.  
Hazard Description..... H222 Extremely flammable aerosol. H229 Pressurized container: may burst if heated. H280 Contains gas under pressure; may explode if heated. H314 Causes severe skin burns and eye damage. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H350 This product contains ingredients that may cause cancer. H361 Suspected of damaging fertility or the unborn child. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H304 May be fatal if swallowed and enters airways.  
Prevention..... P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition sources. P251 Do not pierce or burn container, even after use. P260 Do not breathe mist, vapours, or spray. P264 Wash thoroughly after handling. P280 Wear protective gloves and eye protection. P261 Avoid breathing mists, vapours and sprays. P272 Contaminated work clothing should not be allowed out of the workplace. P201 Obtain special instructions before use. P202 Do not handle this product until all safety instructions have been read and understood. P271 Use only outdoors or in a well ventilated area.  
Response ..... P301 + P330 + P331 If swallowed, rinse mouth and do not induce vomiting. P303 + P361 + P353 If on skin or in hair: take off all contaminated clothing immediately. Rinse thoroughly with water and use safety shower . P363 - Wash contaminated clothing before reuse. P321 - For specific treatment see section 4 on this SDS. P308 + P313 If exposed or concerned, get medical advice/attention. 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. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P362 + P364 - Take off contaminated clothing and wash before reuse. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P314 - Get medical advice/attention if you feel unwell. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting.  
Storage..... P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C / 122°F. P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up.  
Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.  
Other hazards..... None known.

**PRODUCT: RCAE 3242 ENGINE ENAMEL CAST BLAST M473CB****SECTION 02: HAZARD IDENTIFICATION**

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

**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Acetone	67-64-1	30-60
Propane	74-98-6	10-30
Petroleum hydrotreated distillates	68410-97-9/64742-49-0	7-13
Isobutane	75-28-5	5-10
Methyl Acetate	79-20-9	3-7
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	64742-89-8	1-5
Naphtha (petroleum), hydrotreated light	64742-49-0	1-5
Xylene	1330-20-7	1-5
Methyl Ethyl Ketone	78-93-3	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.....	Do not induce vomiting. Get medical attention. Rinse mouth. Obtain medical attention immediately.
Most important symptoms and effects, ..... whether acute or delayed	This product contains ingredients suspected of causing cancer.
Immediate medical attention and special treatment needed, if necessary	Provide general supportive measures and treat symptomatically. In case of shortness of breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
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 extinguishing media.....	"Alcohol" foam, CO <sub>2</sub> , dry chemical. Water fog. The water spray reduces the intensity of the flames.
Unsuitable extinguishing media.....	Do not use solid water streams or water jet.
Specific hazards arising from the ..... hazardous product, such as the nature of any hazardous combustion products	Hazardous products may include but not limited to: Oxides of carbon (CO, CO <sub>2</sub> ). Other unidentified organic compounds.
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. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. . Use water spray to cool containers. Extremely flammable aerosol.

**SECTION 06: ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective ..... equipment and emergency procedures	No action shall be taken involving any personal risk or without suitable training. Evacuate personnel to a safe area. Isolate area and keep unauthorized people away. Do not walk through spilled material. Wear recommended protective equipment. Ventilate. Open windows and doors to allow air circulation. Dike area to prevent spreading. The use of absorbent socks or spill pillows may be required. Stop leak if safe to do so. Prevent runoff into drains, sewers, and other waterways.
Environmental precautions.....	Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.
Methods and materials for containment and cleaning up	Cover spill with inert absorbant material. Sweep up and place in container for proper disposal. Always wear ppe during cleanup.

**PRODUCT: RCAE 3242 ENGINE ENAMEL CAST BLAST M473CB****SECTION 07: HANDLING AND STORAGE**

Precautions for safe handling..... Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid breathing vapours or mist. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus.

Conditions for safe storage, including any incompatibilities Store locked up. Pressurized container. Store away from sunlight. Keep away from heat, sparks, and open flames. Pressurized container, do not expose to temperatures exceeding 50°C (122°F). Do not puncture, incinerate or crush container. Do not puncture, incinerate or crush container.

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

INGREDIENTS	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL NIOSH
Acetone	250 ppm TLV CA ON AB: 500ppm (TWA); 750ppm (STEL)	500 ppm	1,000 ppm	Not established	250 ppm
Propane	1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm
Petroleum hydrotreated distillates	Not available	Not available	Not available	Not available	Not available
Isobutane	Not established	Not established	Not established	Not established	800 ppm
Methyl Acetate	200 ppm AB/BC/ON/PQ: 200ppm (TWA), 250ppm (STEL)	250 ppm	200 ppm	250 ppm in some States	200 ppm
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	100 ppm Not available	300 ppm	100 ppm	Not established	Not established
Naphtha (petroleum), hydrotreated light	1640 mg/m3 (heptane) 1100 ppm (IDLH)	Not established	Not established	Not established	Not established
Xylene	50 ppm CA ON: 100ppm (TWA); 150ppm (STEL)	150 ppm	100 ppm TWA	Not available	Not available
Methyl Ethyl Ketone	200 ppm CA ON: 200ppm (TWA), 300ppm (STEL)	300 ppm	200 ppm	Not established	200 ppm TWA

Personal Protective Equipment  
 Appropriate engineering controls..... Local exhaust should be used to maintain levels below the exposure limits.  
 Eye/type..... Chemical safety goggles. Consult your personal protective equipment supplier for additional recommendations.  
 Respiratory/type..... Wear a niosh/msha approved dust respirator. Consult your personal protective equipment supplier for additional recommendations.  
 Gloves/ type..... Chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.  
 Clothing/type..... Wear impervious protective clothing. Consult your personal protective equipment supplier for additional recommendations.  
 Footwear/type..... Safety boots per local regulations. Consult your personal protective equipment supplier for additional recommendations.  
 Other/type..... Emergency showers and eye wash stations should be available.

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Physical state..... Aerosol. Liquid.  
 Odour..... Hydrocarbon odour.  
 Odour threshold (ppm)..... Not available.  
 pH..... Not applicable.  
 Relative Density (Specific Gravity)..... 0.812.  
 Initial boiling point / boiling range (deg C). 56°C (133 F). (acetone).  
 Melting / Freezing point (deg C)..... -95. (acetone).  
 Solubility..... Not available.  
 Evaporation rate..... Not available.

**PRODUCT: RCAE 3242 ENGINE ENAMEL CAST BLAST M473CB****SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

Vapour density (air=1).....	Not available.
Flashback.....	No data.
Auto ignition temperature (deg C).....	460 °C (propellant) .
Flash point (deg C), method.....	-18 (acetone).
Aerosol flame projection.....	Not available.
Partition coefficient — n-octanol/water.....	Not available.
Lower flammable limit (% vol).....	1.8 (For propellant).
Upper flammable limit (% vol).....	8.8. (propellant).
Maximum incremental reactivity (MIR).....	0.74.

**SECTION 10: STABILITY AND REACTIVITY**

Chemical stability.....	Stable at normal temperatures and pressures.
Reactivity .....	Non-reactive under normal conditions of use, storage or transport.
Conditions to avoid, including static .....	Avoid heat, spark, open flames.
discharge, shock or vibration	
Incompatible materials.....	Oxidizing agents.
Hazardous decomposition products.....	Oxides of carbon (CO,CO2). Unidentified organic compounds.
Possibility of hazardous reactions.....	Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Propane	>1,464 mg/L 15 minutes rat	Not available
Petroleum hydrotreated distillates	Not available	Oral >5000 mg/kg (rat, male and female) Dermal >2000 mg/kg (rabbit, male and female)
Isobutane	52 mg/L 1 hour mouse	Not available
Methyl Acetate	>49 mg/L (4 hr) rat	6482 mg/kg (oral rat); >2,000 mg/kg (dermal rat)
Solvent naphtha (petroleum), light aliph. (VM&P Naphtha)	3400 ppm 4hr Rat	>2000 mg/kg Oral Rat >2000 mg/kg Dermal Rat
Naphtha (petroleum), hydrotreated light	73680 ppm 4 hours rat	>5000 mg/kg (oral, rat) >3160 mg/mg (dermal, rabbit)
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
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)
Route of exposure.....	Eye contact. Skin contact. Inhalation. Skin absorption.	
Symptoms Related to the Physical.....	Irritant. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Defatting of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. .	
Effects of acute exposure.....	No known defects.	
Skin corrosion/irritation.....	Causes severe burns.	
Serious eye damage/eye irritation.....	Causes serious eye irritation.	
Respiratory or Skin Sensitization.....	May cause sensitization by skin contact.	
Carcinogenicity.....	WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.	
Reproductive effects.....	Suspected of damaging fertility or the unborn child.	
STOT-SE.....	Specific target organ toxicity single exposure Category 3. May cause drowsiness and dizziness. May cause respiratory irritation. .	
STOT-RE.....	May cause damage to the organs through prolonged or repeated exposure. .	
Aspiration Hazard.....	Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.	
Effects of chronic exposure.....	Organic solvents may be absorbed into the body by inhalation and ingestion and cause permanent damage to the nervous system, including the brain. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.	

**PRODUCT: RCAE 3242 ENGINE ENAMEL CAST BLAST M473CB****SECTION 12: ECOLOGICAL INFORMATION**

Environmental..... May be dangerous for the environment. No data is available on the product itself. Should not be released into the environment. This product contains the following substance which may also be hazardous for the environment: Xylene (CAS#:1330-20-7): Toxicity to fish: 780.0 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: EC50 0.8 mg/L , 48 hrs; Toxicity to algae: EC50 10.0mg/L. Methyl ethyl ketone(78-93-3): Toxicity to fish: LC50 3130 (3130 - 3320) mg/l, 96 hrs; Toxicity to crustacean: EC50: 520 mg/l, 48hrs.

Persistence and degradability..... Not classified.

Mobility in soil..... Not classified.

Bioaccumulative potential..... Not classified.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Information on safe handling for disposal and methods of disposal, including any contaminated packaging . This material and its container must be disposed of as hazardous waste. Avoid release to the environment.

**SECTION 14: TRANSPORT INFORMATION**

UN number..... UN1950.

Shipping name..... AEROSOLS.

Class..... 2.1.

Exemptions..... This product meets the Limited Quantity exemption when packaged in containers less than 5 liters.

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).

National Pollutant Release Inventory (NPRI)..... Some components are subject to reporting under NPRI. Please check your responsibility.

Categorization of the DSL..... Some components met the criteria under subsection 73(1) of CEPA during categorization of the DSL. Please check to see if this affects your company.

TSCA inventory status..... All components are listed.

SARA Title III  
Section 302 - extremely hazardous ..... None.

substances

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

Section 313..... Xylene. Methyl Ethyl Ketone.

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

California Proposition 65..... \*\*WARNING: This product can expose you to chemical(s), which is [are] known to the State of California to cause cancer and birth defects or other reproductive harm.

EPA hazardous air pollutants (HAPS) ..... Xylene.  
40CFR63

**SECTION 16: OTHER INFORMATION**

Prepared by: ..... REGULATORY AFFAIRS.

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.

Date of the latest revision of the safety data sheet .. 2023-09-25