



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

PRODUCT: RCAE3215 Universal Red/Red Rouge - 340 g

SECTION 01: IDENTIFICATION

Product identifier..... RCAE3215 Universal Red/Red Rouge - 340 g
Other means of identification
Chemical family..... Mixture.
Recommended use and restrictions on .. Paints. This product may require additional reporting or use restrictions. See Section 15 for use
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 **.
-
NFPA rating..... Not available.
HMIS..... Not available.

SECTION 02: HAZARD IDENTIFICATION



Hazard Classification..... Flammable Aerosols — Category 1. Gases Under Pressure: Liquefied Gas. Skin Irritation — Category 2. Eye Irritation — Category 2A. Skin Sensitizer — Category 1. Carcinogenicity — Category 2. 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. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H351 This product contains ingredients that are suspected of causing cancer. H361 Suspected of damaging fertility or the unborn child. H373 May cause 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. 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 the mist, vapours, or spray. P261 Avoid breathing mists, vapours and sprays. P264 Wash thoroughly after handling. P271 Use only outdoors or in a well ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves and eye protection.
Response P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P302 + P352 - If on skin: wash with plenty of water. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. 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. P308 + P313 If exposed or concerned, get medical advice/attention. P321 - For specific treatment see section 4 on this SDS. P331 Do NOT induce vomiting. P332 + P313 - If skin irritation occurs get medical attention or advice. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P337 + P313 - If eye irritation persists get medical attention. P362 + P364 - Take off contaminated clothing and wash before reuse. P314 - Get medical advice/attention if you feel unwell. P312 Call a POISON CENTER/doctor if you feel unwell.
Storage..... P403 + P233 Store in a well ventilated area. Keep container tightly closed. P405 Store locked up. P410 Protect from sunlight. P412 Do not expose to temperature exceeding 50°C / 122°F.
Disposal..... P501 Dispose all unused, waste or empty containers in accordance with local regulations.

PRODUCT: RCAE3215 Universal Red/Red Rouge - 340 g**SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME AND SYNONYMS	CAS #	WT. %
Propane	74-98-6	10-30
Light Aliphatic Solvent Naphtha	64742-89-8	10-30
2-Propanol, 1-methoxy-, acetate	108-65-6	7-13
Methyl Ethyl Ketone	78-93-3	7-13
Isobutane	75-28-5	5-10
Naphtha (petroleum), hydrotreated heavy	64742-48-9	5-10
Xylene	1330-20-7	5-10
Acetone	67-64-1	3-7
Naphtha (petroleum), hydrotreated light	64742-49-0	3-7
Benzene, ethenylmethyl-	25013-15-4	0.5-1.5
Ethylbenzene	100-41-4	0.5-1.5
Titanium Dioxide	13463-67-7	0.1-1
Cobalt bis(2-ethylhexanoate)	136-52-7	0.1-1
Carbon Black	1333-86-4	0.1-1

<<The actual concentration(s) withheld as a trade secret>>

SECTION 04: FIRST-AID MEASURES

Inhalation.....	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, obtain medical attention.
Ingestion.....	ASPIRATION HAZARD IF SWALLOWED. Rinse mouth with water. If ingestion is suspected, contact physician or poison control center immediately. Do not induce vomiting. 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.
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. Obtain medical attention immediately.
Eye contact.....	In case of contact, immediately flush eyes, keeping eyelids open, with plenty of water for at least 15 minutes. Consult a physician if irritations continues. Check for and remove any contact lenses, if safe and easy to do so.
Most important symptoms and effects, whether acute or delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Direct contact with eyes may cause temporary irritation. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
Immediate medical attention and special treatment needed, if necessary	In case of shortness of breath give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed. Immediate medical attention and special treatment needed, if necessary. Provide supportive measures and treat symptomatically.

SECTION 05: FIRE-FIGHTING MEASURES

Suitable extinguishing media.....	"Alcohol" foam, CO ₂ , 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	Extremely flammable aerosol. Hazardous products may include but not limited to: Oxides of carbon (CO, CO ₂). 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. Use water spray to cool containers.

SECTION 06: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Ventilate area. Avoid skin and eye contact with vapors. No action shall be taken involving any personal risk or without suitable training. 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.
Environmental precautions.....	Prevent runoff into drains, sewers, and other waterways. Do not allow product to leak into drains or waterways. If spill does contaminate waterways then inform authorities.

PRODUCT: RCAE3215 Universal Red/Red Rouge - 340 g**SECTION 06: ACCIDENTAL RELEASE MEASURES**

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. Ventilate. Eliminate all sources of ignition. Keep away from combustibles. Inform all applicable Federal, Provincial and Local authorities of any spill.

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 contact with skin and eyes.

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

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

INGREDIENTS	TWA	ACGIH TLV STEL	OSHA PEL STEL	REL	NIOSH
Propane	1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm
Light Aliphatic Solvent Naphtha	Not established	Not established	Not established	Not established	Not established
2-Propanol, 1-methoxy-, acetate	50 ppm	75 ppm	Not established	Not established	Not established
Methyl Ethyl Ketone	200 ppm CA ON: 200ppm (TWA), 300ppm (STEL)	300 ppm	200 ppm	Not established	200 ppm TWA
Isobutane	Not established	Not established	Not established	Not established	800 ppm
Naphtha (petroleum), hydrotreated heavy	175 ppm Not available	Not available	Not available	Not available	Not available
Xylene	50 ppm CA ON: 100ppm (TWA); 150ppm (STEL)	150 ppm	100 ppm TWA	Not established	Not established
Acetone	250 ppm TLV CA ON AB: 500ppm (TWA); 750ppm (STEL)	500 ppm	1,000 ppm	Not established	250 ppm
Naphtha (petroleum), hydrotreated light	1640 mg/m3 (heptane) 1100 ppm (IDLH)	Not established	Not established	Not established	Not established
Benzene, ethenylmethyl-	50 ppm 25 ppm (STEV)	100 ppm			
Ethylbenzene	100 ppm CA ON: 20ppm (TWA)	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm
Titanium Dioxide	10 mg/m3 CA ON: 10 mg/m3 (TWA)	Not established	15 mg/m3	Not established	Not established
Cobalt bis(2-ethylhexanoate)	0.05 mg/cu.m. TLV Long-term value 0.02 mg/m3	0.05 mg/cu.m.	No data	No data	No data
Carbon Black	3 mg/m3 CA ON: 3 mg/m3 (Inhalable) TWA	Not established	3.5 mg/m3	Not established	3.5 mg/m3

Appropriate engineering controls..... Local exhaust should be used to maintain levels below the exposure limits.

Personal Protective Equipment

Eye/type..... Liquid chemical goggles. Consult your personal protective equipment supplier for additional recommendations.

Gloves/ type..... Chemical resistant gloves. Consult your personal protective equipment supplier for additional recommendations.

PRODUCT: RCAE3215 Universal Red/Red Rouge - 340 g**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Respiratory/type.....	Wear an appropriate, properly fitted respirator when contaminant levels exceed the recommended exposure limits.
Clothing/type.....	Wear adequate protective clothes. 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. Employees should wash their hands and face before eating, drinking, or using tobacco products.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical state.....	Aerosol.
Colour.....	Red.
Odour.....	Characteristic odour.
Odour threshold (ppm).....	Not available.
pH.....	Not applicable.
Melting / Freezing point (deg C).....	-95. (acetone).
Initial boiling point / boiling range (deg C).....	56°C (133 F). (acetone).
Flash point (deg C), method.....	-18°C. (acetone).
Evaporation rate.....	> 1.0. (acetone).
Flammability (solids and gases).....	Not applicable.
Upper flammable limit (% vol).....	8.8. (propellant).
Lower flammable limit (% vol).....	1.8. (propellant).
Vapour density (air=1).....	>1.
Flashback.....	Yes.
Relative Density (Specific Gravity).....	0.790-0.890.
Solubility.....	Negligible.
Partition coefficient — n-octanol/water.....	Not available.
Auto ignition temperature (deg C).....	460°C (860°F). (propellant).
Decomposition temperature.....	Not available.
Viscosity.....	Not available.
VOC Content.....	<420 g/L.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions of use.
Chemical stability.....	Stable at normal temperatures and pressures.
Possibility of hazardous reactions.....	Will not occur.
Conditions to avoid, including static discharge, shock or vibration	Avoid heat, spark, open flames. Electrostatic charge.
Incompatible materials.....	Keep away from heat. Strong oxidizing agents.
Hazardous decomposition products.....	Thermal decomposition or combustion may produce. Carbon dioxide. Carbon monoxide. Other unidentified organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

INGREDIENTS	LC50	LD50
Propane	>1,464 mg/L 15 minutes rat	Not available
Light Aliphatic Solvent Naphtha	3400 ppm 4hr rat	3000 mg/kg dermal rat
2-Propanol, 1-methoxy-, acetate	Not Available	8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit
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)
Isobutane	52 mg/L 1 hour mouse	Not available
Naphtha (petroleum), hydrotreated heavy	>8500 mg/m3 (rat, 4 hr)	>6000 mg/kg (oral, rat)
Xylene	6350 ppm 4 hours rat	>3523 mg/kg rat oral
Acetone	50,100 mg/m3 8 hours, rat	5,800 mg/kg (rat oral)
Naphtha (petroleum), hydrotreated light	73680 ppm 4 hours rat	>5000 mg/kg (oral, rat) >3160 mg/mg (dermal, rabbit)
Benzene, ethenylmethyl-	Not available	Not available
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal

PRODUCT: RCAE3215 Universal Red/Red Rouge - 340 g**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
Titanium Dioxide	>6.8 mg/L (4 hr)	>10,000 mg/kg (rat, oral) >10,000 mg/kg (rabbit, dermal)
Cobalt bis(2-ethylhexanoate)	No data	1220-1550 mg/kg (oral, rat)
Carbon Black	Not available	>10,000 mg/kg (oral rat) 3,000 mg/kg (dermal rabbit)
Route of exposure.....	Eye contact. Skin contact. Inhalation. Ingestion.	
Symptoms related to the physical, chemical and toxicological characteristics	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.	
Skin corrosion/irritation.....	Causes skin irritation.	
Serious eye damage/eye irritation.....	Causes serious eye irritation.	
Respiratory or Skin Sensitization.....	May cause sensitization by skin contact.	
Carcinogenicity.....	IARC has classified Titanium Dioxide as a "Group 2B"; possibly carcinogenic to humans. Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans. IARC has classified Carbon Black as "Group 2B", possibly carcinogenic to humans. IARC has classified Ethylbenzene as "Group 2B", possibly carcinogenic to humans.	
Reproductive effects.....	Methyl Ethyl Ketone has been found to cause embryol toxicity in large concentrations. High level exposure to Xylene in some animal studies have been reported to cause health effects on the developing embryo/fetus. Solvent Naphtha is classified as a possible reproductive toxin. Cobalt bis (2-ethylhexanoate): Suspected of damaging fertility.	
Aspiration Hazard.....	Aspiration into the lungs during swallowing or subsequent vomiting may cause chemical pneumonitis, which can be fatal.	
STOT-SE.....	May cause drowsiness or dizziness. May cause respiratory irritation.	
STOT-RE.....	May cause damage to organs through prolonged and repeated exposure.	
Effects of chronic exposure.....	Chronic exposure to organic solvents may cause permanent brain and nervous system damage. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.	

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity.....	May be dangerous for the environment. . Product data not available. 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. Ethylbenzene (CAS#:100-41-4): Toxicity to fish: LC50 4.3mg/L,96hr; Toxicity to aquatic invertebrates: LC50 2.6mg/L,96hr; Toxicity to algae: EC5.0mg/L,96hr. . 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. Titanium dioxide: Toxicity to fish: LC50 >1000 mg/L, 96 hrs; Toxicity to other aquatic invertebrates: >1000 mg/L, 48 hrs; Toxicity to algae: not available. .
Persistence and degradability.....	Product data not available.
Bioaccumulative potential.....	Product data not available.
Mobility in soil.....	Product data not available.
Other adverse effects.....	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Information on safe handling for disposal and methods of disposal, including any contaminated packaging	Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. Empty containers must be handled with care due to product residue.
---	--

SECTION 14: TRANSPORT INFORMATION

UN number.....	UN1950.
Shipping name.....	AEROSOLS.
Class.....	2.1.
DOT Classification (Road).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty., Consumer Commodity ORM-D. .
IATA Classification (Air).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
IMDG Classification (Marine).....	UN1950, AEROSOLS, Class 2.1, Ltd. Qty.
Marine Pollutant.....	Potential 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. .

PRODUCT: RCAE3215 Universal Red/Red Rouge - 340 g

SECTION 15: REGULATORY INFORMATION

CEPA status..... On Domestic Substances List (DSL).
 TSCA inventory status..... All components are either listed or exempt from the TSCA. .
 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..... Immediate health, delayed health, fire hazard.
 Section 313..... Ethylbenzene. Glycol ethers. Xylene. Methyl Ethyl Ketone.
 EPA hazardous air pollutants (HAPS) Benzene. Ethylbenzene. Glycol ethers. Toluene. Xylene.
 40CFR63
 California Proposition 65..... *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause birth defects or other reproductive harm. (Toluene(D)). *** ! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer . (Carbon black - airborne, unbound particles of respirable size). (Ethylbenzene). (Titanium dioxide - airborne, unbound particles of respirable size). For more information, go to www.P65Warnings.ca.gov.

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.
 Review Date:..... 2022-11-30.
 Date of the latest revision of the safety .. 2023-07-04
 data sheet