

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

# PRODUCT: RCC-AE 3504 SANDABLE PRIMER RED OXIDE - AEROSOL

#### **SECTION 01: IDENTIFICATION**

Product identifier..... RCC-AE 3504 SANDABLE PRIMER RED OXIDE - AEROSOL

Other means of identification

Mixture.

Signal Word.....

DANGER.

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 CHEMTRÉC 1-800-424-9300. \*\* For medical emergencies contact your local poison control centre \*\*.

NFPA rating...... Health: 2 Fire: 4 Reactivity: 0.

HMIS...... H: 2 F: 4 R: 0.

#### **SECTION 02: HAZARD IDENTIFICATION**



Hazard Classification..... Flammable Aerosols — Category 1. Gases Under Pressure: Liquefied Gas. Aspiration Toxicity 1. Skin Irritation — Category 2. Skin Sensitizer — Category 1. Eye Irritation Category 2A. Specific Target Organ Toxicity — Single Exposure — Category 3. (narcotic effects). (respiratory system). Carcinogenicity — Category 2. Reproductive Toxicity — Category 2. Specific Target Organ Toxicity — Repeated Exposure — Category 2. H222 Extremely flammable aerosol. H229 Pressurized container may burst if heated. Hazard Description..... 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. 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, Prevention..... 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. 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. P301 + P310 If swallowed IMMEDIATELY CALL A POISON CONTROL CENTRE and follow instructions provided by the centre. P331 Do NOT induce vomiting. P308 + P313 If exposed or concerned, get medical advice/attention. P305 + P351 + P338 If in eyes rinse Response ..... 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. P333 + P313 If skin irritation or rash occurs, get medical advice/attention. P362 + P364 - Take off contaminated clothing and wash before reuse. P314 - Get medical advice/attention if you feel unwell. P304 + P340 - If inhaled remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P233 Keep container tightly closed. P403 Store in a well ventilated area. P405 Store Storage..... 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. This product mixture has been classified based on its ingredients. Note .....

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS				
CHEMICAL NAME AND SYNONYMS CAS # WT. %				
Acetone	67-64-1	15-40		
Propane	74-98-6	10-30		
tert-Butyl acetate	540-88-5	7-13		
Talc	14807-96-6	7-13		
Isobutane	75-28-5	5-10		
Methyl Isobutyl Ketone	108-10-1	5-10		
Toluene	108-88-3	3-7		
Isobutyl Acetate	110-19-0	3-7		
Methyl Ethyl Ketone	78-93-3	1-5		
Ethyl 3-Ethoxypropionate	763-69-9	1-5		
2-Propanol, 1-methoxy-, acetate	108-65-6	1-5		
n-Butyl Acetate	123-86-4	1-5		
Naphtha (petroleum), hydrotreated heavy	64742-48-9	0.1-1		
Xylene	1330-20-7	0.1-1		
Bisphenol A Epoxy Resin	25068-38-6	0.1-1		
Ethylbenzene	100-41-4	0.1-1		
< <the a="" actual="" as="" concentration(s)="" td="" tra<="" withheld=""><td>ade secret&gt;&gt; .</td><td></td><td></td></the>	ade secret>> .			

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

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	Additional information	redness, swelling, and blurred vision. This product contains ingredients that are suspected of damaging fertility or the unborn child. This product contains ingredients that may cause cancer. Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Causes damage to organs through prolonged or repeated exposure.  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
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		Harmful if swallowed, in contact with skin or if inhaled. Causes skin irritation. Can cause skin sensitization. Causes serious eye irritation. Symptoms may include stinging, tearing,
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	Eye contact	
induce vomiting. If spontaneous vomiting occurs have victim lean forward with head down	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
difficult, give oxygen, obtain medical attention.	Ingestion	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

## **SECTION 05: FIRE-FIGHTING MEASURES**

Suitable and unsuitable extinguishing .....

Specific hazards arising from the ...... hazardous product, such as the nature of any hazardous combustion products

Special protective equipment and ..... precautions for fire-fighters

"Alcohol" foam, CO2, dry chemical. In cases of larger fires, water spray should be used. Do not use water in a jet.

Extremely flammable aerosol. Aerosol can will explode if heated. This material is a static accumulator. Thermal decomposition products are toxic. May include:. Oxides of carbon (CO, CO2). Peroxides. Hydrocarbon fumes and smoke. Under hot acidic conditions:. Acetic

Extremely flammable aerosol. Fire in vicinity poses risk of pressure build-up rupture. In fire situations involving the surrounding area, cool the product down with plenty of water. In case of exothermic decomposition, as indicated by generation of large volumes of smoke, spray immediately and thoroughly with water or pour water on. Firefighter should be equipped with self-contained breathing apparatus and full protective clothing to protect against potentially toxic and irritating fumes. Keep run-off water from entering sewers and other waterways. Dike for water control.

### **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. 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. Equipment should be grounded.

Methods and materials for containment and cleaning up

Leak/spill.....

Ventilate. Eliminate all sources of ignition. Contain the spill. Avoid all personal contact. Evacuate all non-essential personnel. Prevent runoff into drains, sewers, and other waterways. Use non-sparking tools and equipment to pick up the spilled material. Absorb with earth, sand, or another dry inert material. Shovel or pump to drum or salvage tank. 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.....

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. Keep away from heat, sparks, and open flame. This material is a static accumulator. Electrostatic charges may be generated during pumping. Always adopt precautionary measures against build-up of static which may arise from appliances, handling and the containers in which product is packed. Ground handling equipment. Avoid all skin contact and ventilate adequately, otherwise wear an appropriate breathing apparatus. Avoid breathing vapours or mist. 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 oxidizing and reducing materials. Store away from sunlight. Do not store above 50 deg C.

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

INGREDIENTS	ACGI TWA	H TLV STEL	OSH/	A PEL STEL	NIOSH REL
	1		<u></u>		
Acetone	250 ppm TLV	500 ppm	1,000 ppm	Not established	250 ppm
	CA ON: 500ppm (TWA); 750ppm (STEL)				
Propane	1,000 ppm	Not established	1,000 ppm	Not established	1,000 ppm
tert-Butyl acetate	200 ppm	Not established	200 ppm	Not established	200 ppm
	CA ON: 50ppm (TWA), 150ppm (STEL)				
Talc	2 mg/m3	Not established	2 mg/m3 TWA	Not established	Not established
	CA ON: 2mg/kg (TW	'A)			
Isobutane	Not established	Not established	Not established	Not established	800 ppm
Methyl Isobutyl Ketone	50 ppm	75 ppm	100 ppm	Not established	50 ppm / STEL 75 ppm
	ON: 20 ppm (TWA),	75 ppm (STEL)			
Toluene	20 ppm	Not established	200 ppm	500 ppm 10 minutes	100 ppm / STEL 150 ppm
	CA ON: TWA: 20 pp	m			
Isobutyl Acetate	50 ppm	150 ppm	150 ppm	Not established	150 ppm
Methyl Ethyl Ketone	200 ppm	300 ppm	200 ppm	Not established	200 ppm TWA
	CA ON: 200ppm (TWA), 300ppm (STEL)				
Ethyl 3-Ethoxypropionate	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
n-Butyl Acetate	50 ppm	150 ppm	150 ppm	200 ppm	150 ppm / STEL 200 ppm

CA ON: 50ppm (TWA), 150ppm (STEL)



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

INGREDIENTS	TWA AC	GIH TLV STEL	OSHA PEL	PEL STEL	NIOSH REL
Naphtha (petroleum), hydrotreated heavy	175 ppm	Not established	Not established	Not established	Not established
Xylene	50 ppm	150 ppm	100 ppm TWA	Not established	Not established
•	CA ON: 100ppm (	TWA); 150ppm (STEL)			
Bisphenol A Epoxy Resin	Not established	Not established	Not established	Not established	Not established
Ethylbenzene	100 ppm	125 ppm	100 ppm	Not established	100 ppm / STEL 125 ppm
	CA ON: 20ppm (T	WA)			
Appropriate engineering	controls	Provide natural or mecha exposure limits. Local mec contamination, such as op gases and fumes that may ventilation (ie. ACGIH induadequate ventilation. Expl	chanical exhaust venti en process equipmen / be emitted. Standard ustrial ventilation) shou	lation should be used a t, or during purging ope reference sources regal ald be consulted for guid	t sources of air erations, to capture arding industrial
Personal Protective Equipment					
Eye/type		Chemical safety goggles. exists.	Chemical safety gogg	les and full faceshield i	f splash hazard
Gloves/ type				nent depends on Contact glove	
Clothing/type		ulations. is recommended. Wear an appropriate, properly fitted respirator exceed the recommended exposure limits.			
Other/type		Emergency showers and etheir hands and face before			

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

Appearance/Physical state	Aerosol. Reddish brown. Characteristic odour. Camphor-like. Not available. Not applicable95°C (-139°F). (acetone). 56°C (133°F). (acetone)18°C. (estimate for liquid). (acetone). Not available. Flammable aerosol. 9.5. (propellant). 2.0. (propellant). Not available. Not available. Not available. 0.840 - 0.880. 7.183. Negligible. Not available. 460 °C (propellant) . Not available. 460 °C (propellant) . Not available. Not available. (Approximate). 45.
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# **SECTION 10: STABILITY AND REACTIVITY**

Product is stable; hazardous polymerization will not occur.

Stable at normal temperatures and pressures. Hazardous polymerization will not occur. Keep away from heat. Electrostatic charge.

Strong acids. Strong bases. Strong oxidizers. Reducing agents. Avoid natural, butyl, and neoprene rubbers. Acetone may ignite or react violently with strong oxidizing agents, such as chromic acid, chromium trioxide, chromyl chloride, hot nitric acid, potassium permanganate (in an alkaline medium), or peroxides.



### **SECTION 10: STABILITY AND REACTIVITY**

Hazardous decomposition products......

No hazardous decomposition products when stored and handled correctly. See hazardous combustion products section 5.

### **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	
tert-Butyl acetate	>2,230 mg/m3 4 hours rat	4,100 mg/kg (rat, oral); >2,000 mg/kg (rabbit, dermal)	
Talc	Not available	Not available	
Isobutane	52 mg/L 1 hour mouse	Not available	
Methyl Isobutyl Ketone	8.2 - 16.4 mg/L 4 hours rat	2080 mg/kg (rat oral) >16,000 mg/kg (rabbit dermal)	
Toluene	8000ppm (rat inhalation) 400ppm mouse (inhalation 24hr)	5,000 mg/kg (rat ora)l; 12,124 mg/kg (rabbit dermal)	
Isobutyl Acetate	>13.24 mg/L /6 h rat	15400 mg/kg (rat oral), >17400 mg/kg (rabbit dermal)	
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)	
Ethyl 3-Ethoxypropionate	>998 ppm 6 hours	4,309 mg/kg rat oral 4,080 mg/kg rabbit dermal	
2-Propanol, 1-methoxy-, acetate	Not Available	8,532 mg/kg rat oral 5,000 mg/kg dermal rabbit	
n-Butyl Acetate	>33 mg/L vapour, 5.2 mg/L (rat) dust/mist	10760 mg/kg (rat, oral) 14112 mg/kg (rabbit, dermal)	
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	
Bisphenol A Epoxy Resin	Not Available	>10000 mg/kg (rat oral)	
Ethylbenzene	No data	3,500 mg/kg rat oral 17,800 mg/kg rabbit dermal	
Route of exposure Eye conta Symptoms related to the physical, chemical	ct. Skin contact. Inhalation.		

and toxicological characteristics Effects of acute exposure.....

Mutagenicity.....

Reproductive effects.....

Sensitizing capability of material.....

May cause sensitization by skin contact. Causes skin irritation. Causes eye irritation. Can cause tearing, reddening and swelling. May cause temporary corneal damage. Ingestion may cause adverse health effects. Breathing of high vapour concentrations may cause anesthetic effects and serious health effects. Excessive inhalation of vapours can cause respiratory irritation, dizziness, headache, vomiting and unconsciousness. Inhalation of vapours causes irritation to the nose, throat and respiratory tract. Aspiration of liquid into lungs can cause chemical pneumonitis. Effects of chronic exposure..... Intentional misuse by deliberately concentrating and inhaling this product may be harmful

or fatal. Breathing high concentrations of vapour may cause anesthetic effects and serious health effects. Chronic exposure to organic solvents may cause permanent brain and nervous system damage. Prolonged or repeated skin contact may cause drying or cracking of skin.

Xylene has been listed by IARC as a Group 3; not classifiable as to its carcinogenicity to humans. Ethylbenzene is known to the state of California to cause cancer and Carcinogenicity of material..... developmental effects and is listed by IARC as a Group 2B Carcinogen.

The data does not allow for an adequate assessment of the mutagenic effect.

Toluene is fetotoxic in rats and mice at maternally toxic levels. Prolonged and repeated exposure of pregnant animals (>1500 ppm) to Toluene have been reported to cause adverse fetal developmental effects. In one study, 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. The relevance of this to humans is not known. Solvent Naphtha is classified as a possible reproductive toxin.

May cause sensitization by skin contact.

May cause drowsiness or dizziness. May cause respiratory irritation. Causes damage to Specific Target Organ Toxicity ..... organs through prolonged or repeated exposure.



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

Ecotoxicity..... Product data 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..... 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

Dispose of waste in accordance with all applicable Federal, Provincial/State and local regulations. Contents under pressure. Do not puncture, incinerate or expose to heat, even when empty.

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

UN1950 - AEROSOLS, flammable - Class 2.1 - This product meets limited quantity exemption when shipped in containers less than 1 Litre. TDG Classification..... UN1950 - AEROSOLS, flammable - Class 2.1 - Ltd Qty (1 Liter/0.26 Gallons). Refer to DOT Classification (Road)..... 49CRF 172.101 for additional non-bulk packaging requirements. UN1950 - AEROSOLS, flammable - Class 2.1 - Limited Quantity. Do not ship by air without checking appropriate IATA regulations.
UN1950 - AEROSOLS - Class 2.1 - EmS: F-D, S-U - Limited Quantity. Check IMDG IATA Classification (Air)..... IMDG Classification (Marine)..... regulations for limited quantity exemptions. Marine Pollutant..... Potential marine pollutant. 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. Proof of Classification.....

#### **SECTION 15: REGULATORY INFORMATION**

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 Immediate health, delayed health, fire hazard. Section 311/312 - hazard categories....... Ethylbenzene. Glycol ethers. Toluene. Xylene. Section 313..... Benzene. Ethylbenzene. Glycol ethers. Toluene. Vinyl acetate. Vinyl chloride. Xylene. EPA hazardous air pollutants (HAPS) ...... 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.

(Benzene (D)). (N-methyl pyrrolidone (nmp)). (Toluene). \*\*\*! WARNING: This product can expose you to chemicals including [see below], which are known to the State of California to cause cancer. (Benzene). (Carbon black - airborne, unbound particles of respirable size). (Ethyl benzene). (Silica, crystalline (airborne particles of respirable size). (Talc, not containing asbestiform fibers). (Vinyl chloride). For more information, go to www.P65Warnings.ca.gov.

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

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

Review Date:.... 2022-11-30. Date of the latest revision of the safety ...

data sheet

2021-11-26

