

**MATERIAL SAFETY DATA SHEET
AEROSOL RUBBER PRO (AR-P)
6/17/05**

SECTION I—MANUFACTURER

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SECTION II—PRODUCTS

<u>Stock Number</u>	<u>Product Name on Label</u>	<u>Numbers of Ingredients in Product</u>	<u>HMIS RATING</u>			<u>Appearance and Odor</u>	<u>Solubility % in Water</u>	<u>Volatile Volume %</u>
			<u>H</u>	<u>F</u>	<u>R</u>			
AR-P	Rubber Pro	1,2,3,4,5,6,7	2	4	0	Clear yellow liquid, Solvent	10-15%	95-98

SECTION III—HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS Number</u>	<u>Exposure Limits* in ppm (parts per million)</u>	<u>Flash Point</u>		<u>Vapor Pressure (mm Hg at 20°C)</u>	<u>Evap. Rate (n-Butyl Acetate=1)</u>	<u>Boiling Point</u>		<u>Flammable Limits in %</u>		<u>Autoignition Pt.</u>	
			<u>°F</u>	<u>°C</u>			<u>°F</u>	<u>°C</u>	<u>Lower</u>	<u>Upper</u>	<u>°F</u>	<u>°C</u>
1. n-Butane	106-97-8	1000 A, 800 N	<-40	<-40	>1500	114	31	-1	1.8	8.4	860	460
2. Isobutane	75-28-5	1000 A, 800 N	<-40	<-40	>2000	165	11	-12	1.8	8.4	860	460
3. Isopropyl Alcohol	67-63-0	400 A, O	53	12	31	1.7	180	82	2.0	12.0	750	399
4. Light Petroleum Distillate	64741-84-0	50 A, 500 O	-6	-21	106	8.8	148	64	1.0	7.0	433	223
5. Propane	74-98-6	1000 A, O	<-40	<-40	>6000	390	-45	-43	2.1	9.5	842	450
6. Toluene	108-88-3	50 A Skin, 200 O	45	7	38	1.5	230	110	1.2	7.0	896	480
7. VM&P Naphtha	64742-47-8	300 A	45	7	45	2.0	233	112	0.9	7.0	480	249

*A means ACGIH TLV, N means NIOSH, O means OSHA PEL. Other abbreviations: E means Suppliers Number, > means greater than, < means less than, NA means Not Applicable.

SECTION IV—PHYSICAL DATA

Evaporation Rate: See SECTIONS II, III. **Vapor Density:** Heavier than air. **Solubility in Water (Wt%):** See SECTION II. **Volatile Volume %:** See SECTION II. **Approximate Boiling Point:** See SECTIONS II, III. **Product Density (water=1):** less than 1. **Appearance and Odor:** See SECTION II.

SECTION V—FIRE AND EXPLOSION DATA

Flammability Class: Extremely Flammable Aerosol
Flash Point (Tag Closed Cup Method): See SECTIONS II, III
Approximate Flammable Limits: See SECTIONS II, III
Autoignition Temperature: See SECTIONS II, III
Extinguishing Media: Foam, carbon dioxide, dry chemical
Special Fire Fighting Procedures: Full protective equipment, including self-contained breathing apparatus, is recommended because highly toxic gasses may be generated by combustion or thermal decomposition. Water from fog nozzles may be used to cool closed containers to prevent pressure build up (containers may leak or burst when heated).

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, electric motors, smoking or other ignition sources at locations far from material handling point. At elevated temperatures [130°F (54°C) or over] containers may vent, rupture or burst.

SECTION VI—HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Inhalation, Skin contact, Eye contact.

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION:

Acute Exposure: Solvent vapors at concentrations above the TLV can irritate the respiratory tract (nose, throat, lungs) causing a burning sensation, runny nose, sore throat, coughing, chest discomfort (tightness). May cause central nervous system depression with the following progressive symptoms: headache, dizziness, nausea, staggering gait, confusion, unconsciousness, cessation of breathing and death.

Chronic Exposure: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Symptoms include loss of memory, loss of intellectual ability and loss of coordination.

NOTE: INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING ANY SOLVENT VAPORS MAY BE HARMFUL OR FATAL!

SKIN CONTACT:

Acute Exposure: Repeated or prolonged skin contact with cleaners can result in dry, defatted and cracked skin causing increased susceptibility to infection. Skin irritation may develop into contact dermatitis.

Chronic Exposure: Exposure to small amounts of Rub-R-Care over long periods may cause some or all of the symptoms as in acute exposure.

EYE CONTACT:

Acute Exposure: Irritation of the eyes with itching, burning, redness and even permanent tissue damage if gotten directly into the eyes and not flushed out immediately.

Chronic Exposure: Irritation of the eyes with itching, burning, redness.

INGESTION:

Acute Exposure: Irritation to the mouth, and if swallowed, to the esophagus, stomach tissue and digestive tract. If swallowed, vomiting may cause breathing of liquid solvent resulting in chemical pneumonia.

Chronic Exposure: Unknown.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None specifically known to Crest Industries, Inc. but it is possible that eye, respiratory tract, skin, liver, kidney, blood cell formation, nervous system and brain diseases may be aggravated by overexposure to this product.

CARCINOGENICITY: Products not listed by NTP, IARC or OSHA.

SECTION VII—EMERGENCY and FIRST AID PROCEDURES

INHALATION: Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. Obtain medical attention.

EYE CONTACT: Flush with clean, lukewarm water (low pressure) for at least 15 minutes while lifting eyelids. Refer person to physician for immediate attention.

SKIN CONTACT: Remove contaminated clothing immediately. Clean affected areas thoroughly with waterless skin cleaner and/or soap and water. Wash contaminated clothing thoroughly before reuse. Seek medical attention if irritation develops or persists.

INGESTION: DO NOT INDUCE VOMITING! Consult physician, hospital emergency room or poison control center immediately. Have list of ingredients available.

NOTES TO PHYSICIAN:

Inhalation: Treat as for solvent vapor inhalation. Bronchodilators, expectorants and antitussives may help.

Eyes: May cause conjunctivitis. Stain for evidence of corneal injury.

Skin: Treat as any contact dermatitis.

Ingestion: Treat as for solvent ingestion. Inducing vomiting is contraindicated because of the possibility of chemical pneumonia caused by aspiration of solvent liquid.

SECTION VIII–EMPLOYEE PROTECTION RECOMMENDATIONS

EYE PROTECTION: Wear safety glasses, splash goggles or face shield. Contact lenses should not be worn.

SKIN PROTECTION: Cover as much of the skin as possible with appropriate clothing. Wear solvent resistant gloves.

VENTILATION AND RESPIRATORY PROTECTION: If exhaust ventilation sufficient to keep the airborne concentrations of solvents below their respective TLVs is not possible, an OSHA/MSHA approved TC23C Paint Spray Respirator with Particulate Prefilter or TC19C Air Supplied Respirator must be used. Observe OSHA regulations (29 CFR 1910.134) for respirator use. **NOTE: THERE MUST ALWAYS BE ENOUGH VENTILATION TO KEEP VAPOR CONCENTRATION BELOW THE LOWER FLAMMABLE LIMIT!**

OTHER PROTECTIVE MEASURES: Eyewash stations should be available. Educate and train employees in safe use of this product. Follow all label instructions.

SECTION IX–REACTIVITY DATA

STABILITY: Stable under normal room conditions.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: By high heat and fire: carbon dioxide, carbon monoxide, hydrocarbon fumes, smoke.

SECTION X–SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Put on protective equipment including respiratory protection. Prevent further spillage. Evacuate nonessential personnel. Remove all sources of ignition and ventilate the area. Keep spill from reaching sewers and waterways. Cover the spill with sawdust, vermiculite, Fuller's Earth or other absorbent material. Collect material with non-sparking tools and put in a tightly sealed container. Remove container to a safe place.

WASTE DISPOSAL METHOD: Follow federal, state and local environmental control regulations. Incineration is the preferred method for the contents of containers. **DO NOT INCINERATE (OR BURN) AEROSOL CONTAINERS EVEN WHEN EMPTY!** Containers may become pressurized and burst even if they will not spray. Containers must be handled with care due to toxic, flammable and pressure producing residue. **DO NOT PUT AEROSOL CONTAINERS IN A HOME TRASH COMPACTOR!**

RCRA STATUS: Since this product is toxic and ignitable, it is hazardous when discarded.

SECTION XI–SPECIAL PRECAUTIONS and STORAGE DATA

STORAGE TEMPERATURE

MINIMUM / MAXIMUM: 50°F (10°C) / 120°F (49°C)

RECOMMENDED SHELF LIFE: One year

PRECAUTIONS TO BE TAKEN IN HANDLING, STORAGE

AND USE: Keep away from heat, sparks and open flame. Do not store in Temperatures above 120°F (49°C) or in direct sunlight.

Do not inhale vapors. Avoid contact with skin and eyes. Wash hands after use and before eating, drinking, smoking or using the toilet. Employee education and training in the safe use and handling of this product are required under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION XII–FEDERAL EPA REGULATION

COMPLIANCE INFORMATION– EMERGENCY PLANNING and COMMUNITY RIGHT-TO-KNOW ACT of 1986

1) Section 313 Supplier Notification: Chemicals marked with an * in the following tables are subject to the Toxic Chemical Release Inventory Reporting Requirements using **EPA FORM R** (40 CFR Part 372).

2) Section 312: All the chemicals listed are subject to Emergency and Hazardous Chemical Inventory Forms and Community Right-to-Know Reporting Requirements: Tier I and Tier II Reports (40 CFR Part 370).

NOTE: This information should be included in all MSDSs that are copied and distributed for materials covered by this MSDS.

HAZARDOUS INGREDIENTS–APPROXIMATE PERCENTAGES BY WEIGHT

<u>Ingredients (Chemicals)</u>	<u>CAS Number</u>	<u>Weight %</u>
1. n-Butane	106-97-8	01
2. Isobutane	75-28-5	10
3. Isopropyl Alcohol	67-63-0	11
4. Light Petroleum Distillate	64741-84-0	22
5. Propane	74-98-6	10
*6. Toluene	108-88-3	01
7. VM&P Naphtha	64742-47-8	35
Physical Hazard-Fire		90
Physical Hazard-Pressure Release		21
Health Hazard-Acute		90
Health Hazard-Chronic		01
Physical Hazard-Reactivity		NOT A HAZARD
Aerosol Level		3

SECTION XIII–VOLATILE ORGANIC COMPOUND (V.O.C.) CONTENT

Percent by weight: 85.9 **Pounds per Gallon:** 5.34

Grams per Liter: 639 **Pounds per Can:** 1.33

SECTION XIV–CALIFORNIA PROPOSITION 65 WARNINGS

According to the California Safe Drinking Water and Toxic Enforcement Act (PROPOSITION 65) "No person in the course of doing business shall knowingly and intentionally expose any individual to a chemical known to the State of California to cause cancer, birth defects or reproductive toxicity without first giving clear and reasonable warning to such individuals of such an exposure". The following warning applies: **WARNING:** This product contains **Toluene**, a chemical known to the State of California to cause birth defects and other reproductive harm.

SECTION XV–OZONE DEPLETION IN THE UPPER ATMOSPHERE

This product does not contain upper atmosphere ozone depleting substances.

KEEP OUT OF THE REACH OF CHILDREN!

DISCLAIMER: The information contained in this MSDS is believed to be accurate and reliable as of the date indicated. **Crest Industries, Inc.** assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.