

Safety Data Sheet

1. Identification

- a. Product Identifier: Age-Master No.1 Rubber Protectant Goodrich PN: 74-451-127; also used in Kit 74-451-Z
- b. Recommended Use: Protection of rubber from weathering, oxidation and ozone attack.
- c. Manufacturer: Chem-Pro, Inc.
PO Box 5745
Midlothian, VA, 23112 USA
(804) 744-4869
- d. Emergency Phone number: (804) 744-4869; (804) 356-4559

2. Hazards Identification

- a. Classification of the Mixture:
 - i. Flammable Liquids – Category 4
 - ii. Acute Toxicity – Oral – Category 4
 - iii. Acute Toxicity - Dermal – Category 4
 - iv. Acute Toxicity – Inhalation – Category 4
 - v. Eye Damage/Irritation – Category 2B
 - vi. Aspiration Hazard – Category 1
- b. GHS Label Element: Hazard pictograms



- c. Signal Word: Danger
- d. Hazard Statements:
 - i. Combustible liquid.
 - ii. Harmful if swallowed.
 - iii. Harmful in contact with skin.
 - iv. Harmful if inhaled.
 - v. Causes eye irritation.
 - vi. May be fatal if swallowed and enters airways.
 - vii. May cause drowsiness and dizziness.
- e. Precautionary Statements:
 - i. Prevention:
 - 1. Keep away from flames, hot surfaces, sparks, pilot lights and other ignition sources. No smoking.
 - 2. Wear protective gloves/eye protection/face protection/ clothing: heavy duty, nitrile rubber gloves; chemical worker's goggles or face shield; organic vapor respirator when working in confined areas (approval TC-23C-107 or equivalent); coveralls or apron.
 - 3. Avoid breathing vapors.
 - 4. Use only outdoors or in a well ventilated area.
 - 5. Wash hands and clothing thoroughly after handling.
 - ii. Response:
 - 1. IN CASE OF FIRE: Use regular foam, carbon dioxide or dry chemical extinguishing media.

2. IF SWALLOWED: Immediately call a poison center or physician. Rinse mouth. DO NOT induce vomiting.
 3. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse.
 4. IF INHALED: Remove victim to fresh air and keep comfortable for breathing. Call a poison center or physician if you feel unwell.
 5. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.
- iii. Storage:
 1. Store in well ventilated place. Keep cool.
 2. Store locked up.
 3. Keep container tightly closed.
 - iv. Disposal:
 1. Dispose of contents and container to an approved waste disposal plant.
 - v. Hazards not otherwise classified: None known.

3. Composition/Information on Ingredients

- a. Ingredients: Trade Secret – Petroleum Hydrocarbons, Hydrotreated Light,
 - i. Cycloalkanes 40 - 70%
 - ii. Alkanes 10 – 50
- b. Specific chemical identity and percentages are withheld as a trade secret.

4. First Aid Measures

- a. INHALATION: Remove person to fresh air. Do not induce vomiting. Keep person warm.
- b. INGESTION: Wash out mouth with water. Aspiration hazard if swallowed. Can enter lungs and cause damage. DO NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.
- c. SKIN: Remove product from skin with waterless soap, wipe clean, and then follow with warm water and regular soap. Remove contaminated clothing and wash before reuse.
- d. EYES: Flush affected eye with water for fifteen (15) minutes. Get medical attention.
- e. Most important symptoms/effects, acute and delayed:
 - i. Inhalation: May cause headache, difficulty in breathing, nausea, fatigue, nose / throat irritation, dizziness.
 - ii. Ingestion: May cause nausea, vomiting, diarrhea, gastrointestinal irritation
 - iii. Skin contact: Prolonged or repeated contact can cause moderate irritation, redness, or dermatitis.
 - iv. Eye contact: Can cause severe irritation, redness, tearing, and blurred vision.
- f. Notes to Physician: If ingested, this material presents an aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation.

5. Fire-Fighting Measures

- a. Specific hazards arising from the chemical: Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst with risk of a subsequent explosion. Vapors are heavier than air and will spread along the ground, and may be moved by ventilation and ignited by heat, pilot lights, sparks or flame.
- b. Suitable extinguishing media: Regular foam, carbon dioxide or dry chemical.
- c. Unsuitable extinguishing media: Do not use water.

- d. Hazardous Combustion Products: Liquid may decompose to poisonous gasses of CO, CO₂, NO_x, and smoke.
- e. Protection of Fire Fighters – Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies. Evacuate the area and fight the fire from a maximum distance or use unmanned hose holders or monitor nozzles. Cover pooling liquid with foam. Containers can build pressure if exposed to radiant heat; cool adjacent containers with spray of water until well after the fire is out. Withdraw immediately from the area if there is a rising sound from venting safety device or discoloration of containers. Be aware that burning liquid may float on water. Notify appropriate authorities of potential fire and explosion hazard if liquid enters sewers or waterways.
- f. Explosion data - sensitivity to mechanical impact: Not available.
- g. Explosion data - sensitivity to static discharge: Not available.

6. Accidental Release Measures

- a. Personal precautions, protective equipment and emergency procedures:
 - i. Remove all sources of ignition. No smoking. Extinguish pilot lights.
 - ii. Ensure adequate ventilation.
 - iii. Use personal protective equipment. Wear protective gloves/eye protection/face protection/ clothing: heavy duty, nitrile rubber gloves; chemical worker's goggles or face shield; organic vapor respirator when working in confined areas (approval TC-23C-107 or equivalent); coveralls or apron.
 - iv. Beware of combustible, toxic vapors accumulating in low areas.
- b. Methods and materials for containment and cleanup: Standard procedures for hydrocarbon spills apply to this product.
 - i. Use spark-proof tools and explosion-proof equipment.
 - ii. Prevent flow of liquid into drains, waterway or sewer.
 - iii. Use oil absorbent material to clean spills. Use floating absorbent to remove liquid from water.
 - iv. Work from up-wind side of spill area.
 - v. Transfer wet absorbent into container for disposal.
 - vi. Incinerate as solid waste at a licensed waste disposal facility.

7. Handling and Storage

- a. Precautions for safe handling:
 - i. No smoking. Use appropriate personal protective equipment (see Section 8). Do not swallow. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Avoid release into the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate or working in confined area. Local exhaust recommended for confined areas. Keep container tightly closed when not in use. Use in well ventilated area away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical equipment. Use non-sparking tools. FOLLOW ESTABLISHED PLANT SAFETY REGULATIONS AND PROCEDURES FOR HANDLING COMBUSTIBLES (OSHA 1910)
 - ii. Application procedures: Apply using a brush, cloth applicator pad, or by dipping the rubber product to be treated. Mask or otherwise protect areas not intended to be treated or avoid unwanted staining. Spilled material may stain or discolor surfaces.
- b. Conditions for safe storage: Keep container tightly closed when not in use. Store in well ventilated area away from heat, sparks, open flame or any other ignition source. Storage above 75C is not recommended. No smoking.

8. Exposure Controls / Personal Protection

- a. Occupational exposure limits:
ACGIH TLV (United States) 179 ppm (1200 mg/m³) 8 hours
- b. Appropriate engineering controls: Use with adequate ventilation. Use local exhaust ventilation in confined areas. Use explosion-proof ventilation equipment.
- c. Individual protection measures:
 - i. Hygiene measures: When using, do not eat, drink or smoke. Use waterless soap on hands after handling. Wash hands and face thoroughly with regular soap and water before eating, smoking and using the lavatory and at the end of the working period. Remove and wash contaminated clothing before reuse.
 - ii. Eye protection: Chemical worker's goggles or face shield.
 - iii. Skin protection: Chemical resistant gloves should be worn to protect hands; Nitrile gloves recommended. Apron and lightweight impervious clothing for other skin protection. (may temporarily stain and discolor skin.)
 - iv. Respiratory protection: Organic vapor respirator when working in confined areas (approval TC-23C-107 or equivalent).

9. Physical and Chemical Properties

- a. Physical State: Liquid; Color: Dark red to Black
- b. Odor: Characteristic mild hydrocarbon solvent odor
- c. Odor Threshold: Not available
- d. pH: Not available
- e. Melting Point/ Freezing Point: Not applicable
- f. Initial Boiling Point/Boiling Range: 204 C (400 F)
- g. Flash Point: 63 – 65 C / 143 – 146 F (Tag CC ASTM D-56)
- h. Evaporation Rate (Butyl Acetate = 1): <1
- i. Flammability (solid/gas): No data available
- j. Upper/Lower Flammable Limit: No data available
- k. Vapor Pressure (mm Hg.) @ 20 C (68 F): 2.6
- l. Vapor Density (Air = 1): 5.4
- m. Specific Gravity: 0.8
- n. Solubility in Water: Insoluble / Nil
- o. Partition Coefficient n-octanol/water: Not Available
- p. Auto-Ignition Temperature: >220 C (>428 F)
- q. Decomposition Temperature: No data available
- r. Viscosity: Not available
- s. V.O.C.: 0.8 gm/l; 0.01 lb/gal

10. Stability and Reactivity

- a. Reactivity: No dangerous reaction known under conditions of normal use.
- b. Chemical Stability: Stable.
- c. Possibility of Hazardous Reactions: Hazardous reactions will not occur under normal conditions of storage and use.
- d. Conditions to avoid:
 - i. Keep away from heat, flame sparks and other ignition sources.
 - ii. Do not allow vapors to accumulate in low or confined areas.
- e. Incompatible Materials: Strong oxidizing agents.
- f. Hazardous Decomposition Products: May form toxic materials: CO, CO₂, NO_x
- g. Hazardous polymerization WILL NOT occur

11. Toxicological Information

- a. Irritation:
 - i. Eyes: Can cause severe irritation, redness, tearing and blurred vision.
 - ii. Skin: Prolonged contact may cause slight to moderate irritation.
 - iii. Inhalation: Prolonged exposure may cause dizziness, nausea, headache, or fatigue.
 - iv. Ingestion: May cause nausea, vomiting, diarrhea, or gastrointestinal irritation.
- b. Potential Chronic Health Effects: No known significant effects or critical hazards.
- c. Sensitization: Not available
- d. Toxicity:
 - i. LD50:
 - 1. Oral: Acute >5000 mg/kg (Rat)
 - 2. Dermal: Acute >2000 mg/kg (Rabbit)
 - ii. LC50: Acute not available
- e. Carcinogenicity: This product and its ingredients are not listed in the National Toxicology Program (NTP) Report on Carcinogens, have not been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, and have not been found to be a potential carcinogen by OSHA.
- f. Germ Cell Mutagenicity: Not Mutagenic (in vitro, in vivo).
- g. Target Organ Effects: No data available.

12. Ecological Information

- a. This product is potentially toxic to freshwater and saltwater ecosystems. Do not discharge into aquatic environments. In its liquid state this product will normally float on water.
- b. Persistence and Degradability: Not available.
- c. Bioaccumulative Potential: Not available.
- d. Mobility in Soil: Not available.
- e. Other Adverse Effects: No known significant effects or critical hazards.

13. Disposal Considerations

- a. Use oil absorbent material to absorb liquid product.
- b. Incinerate as solid waste at a licensed waste disposal facility.
- c. Empty containers should be taken to a licensed waste handling site for recycling or disposal.
- d. Do not cut, weld, or grind used containers unless they have been thoroughly cleaned internally.
- e. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. Transport Information.

- a. US DOT: UN 1268, Petroleum Distillate n.o.s., Coating Solution, Combustible Liquid, PG III, RQ None; US DOT Hazard Class Combustible Liquid. See Remarks below.

HMIS Rating: HEALTH 2, FLAM 2, RACT. 0.

- b. IMDG: UN 1268, Combustible Liquid; FP > 61 C; Not an Inflammable Liquid; Not a Dangerous Good.
- c. IATA: UN 1268, Petroleum Distillates, Combustible Liquid; FP > 61 C; Not an Inflammable Liquid.
- d. Remarks:

- i. US DOT Hazard Class Combustible Liquid. Hazardous Material but not a Hazardous Substance per CFR 49 Sec. 171.8. Not restricted under 49 CFR in containers less than 119 GL capacity for transport by land, 8 GL for transport by passenger aircraft, or 58 GL for transport by cargo aircraft. Exempt from CFR 49 Hazardous Material Requirements per Sec 173.150 (b), (c) and (f).
- ii. Not listed in US DOT Marine Pollutant list Appendix B to CFR 49 Sec. 172.101. Therefore, not regulated as a Marine Pollutant by US DOT.

15. Regulatory Information

- a. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.
- b. US Federal Regulations:
 - i. United States inventory (TSCA) - All components are listed or exempted.
 - ii. SARA 302/304: Not Applicable.
 - iii. SARA 311/312: Fire Hazard; Acute Health Hazard.
- c. International Regulations:
 - i. Australia inventory (AICS) - All components are listed or exempted.
 - ii. Canada inventory (DSL) - All components are listed or exempted.
 - iii. Canada (WHMIS) – Class B-3, Combustible Liquid with flash point between 37.8C (100 F) and 93.3 C (200F).
 - iv. China inventory (IECSC) - All components are listed or exempted.
 - v. Japan inventory - All components are listed or exempted.
 - vi. Korea inventory (KECI) - All components are listed or exempted.

16. Other Information.

- a. SDS Prepared By: Chem-Pro Manufacturing Co., Inc.,
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Midlothian, VA, 23112 USA
Tel. (804) 744/4869

- b. Revision Date: July 1, 2015

- c. Disclaimer.

The information contained in this Material Safety Data Sheet is based on current knowledge, experience, and sources believed to be reliable. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental and regulatory obligations under any applicable laws. The actual conditions or methods of handling, storage, use and disposal of the product are beyond the knowledge and control of Chem-Pro Manufacturing Co., Inc. For this and other reasons Chem-Pro Manufacturing Co., Inc. does not assume responsibility and expressly disclaims liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.