

16-223

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0017002

I. IDENTITY:

Label Name: **Cramer Tuf-Skin (colorless and original)**
Item Numbers: 204027, 204028, 204033, 203531

Date Prepared: 2/16/2000

II. HAZARDOUS INGREDIENTS:

| Hazardous Components | CAS # | OSHA PEL | ACGIH TLV % |
|------------------------|----------|----------|---------------|
| Hydrocarbon Propellant | | | 1000 ppm >25% |
| Isobutane | 75-28-5 | | |
| Propane | 74-98-6 | | |
| n-Butane | 106-97-8 | | |
| Isopropyl Alcohol | 67-63-0 | | 400 ppm >55% |

III. PHYSICAL CHARACTERISTICS:

| | |
|--|----------------------------------|
| Boiling Point: N/A | Specific Gravity (Water=1): N/A |
| Vapor Pressure: ~50 psig (in aerosol can) | Melting Point: N/A |
| Vapor Density: (Air=1): <1 | Percent Volatile by Volume: >85% |
| Evaporation Rate: ~2.3 (liquid contents; Butyl Acetate =1) | Solubility in Water: partial |
| Appearance and Odor: Clear spray with scented alcohol odor and sticky residue. | |

IV. FIRE AND EXPLOSION HAZARD:

| | |
|---|---|
| Flash Point: -50°F closed cup | Flammable Limits: LeL UeL |
| Extinguishing Media: Dry chemical or carbon dioxide | (Isopropyl Alcohol) 2 12 |

Special Fire Fighting Procedures: This is an aerosol product. Use procedures for flammable aerosols.
 Unusual Fire and Explosion Hazards: Contents are flammable and under pressure: if released would add to fire intensity. Rupturing containers may become projectiles.

V. REACTIVITY DATA:

| | |
|--|---|
| Stability: stable | Conditions to Avoid: Avoid heat, sparks, open flame |
| Incompatibility to Avoid: Anhydrides, isocyanates, organometallics, oxygen, and oxidizers | |
| Hazardous Decomposition Byproducts: Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide | |
| Hazardous Polymerization: will not occur | Conditions to Avoid: None known |

VI. HEALTH HAZARD DATA:

Effects of acute overexposure for: Isopropyl Alcohol

Eyes: Can cause severe irritation, redness, tearing, blurred vision

Skin: Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Breathing: Excessive inhalation of vapors can cause nasal and respiratory irritation, headache, possible unconsciousness, and even death.

Swallowing: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Effects of chronic overexposure: Isopropyl Alcohol has been found to cause damage to the liver, kidneys and brains of laboratory animals.

Emergency and First Aid Procedures:

If in eyes: Flush with large amounts of water. Cautiously attempt to lift upper and lower lids occasionally; get medical attention immediately.

If on skin: Thoroughly wash exposed area with soap and water.

If breathed: Remove to fresh air; administer oxygen. Consult physician immediately.

If swallowed: Immediately drink two glasses of water and induce vomiting. Get medical attention immediately.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE:

Spills: Eliminate all sources of ignition. Small spills should be flushed with large quantities of water. Larger spills should be collected for disposal.

Waste Disposal: Dispose of product in accordance with applicable local, county, state and federal regulations.

Handling and Storage: Product is an aerosol. Do not use near fire, flame or hot surfaces. Do not puncture or incinerate. Do not expose to heat or store at temperatures above 120° F. Keep out of reach of children.

VIII. CONTROL MEASURES:

Respiratory Protection: None required in normal use. As with all sprays, breathing mist should be avoided.

Ventilation: Use in well ventilated area.

Protective Gloves: None required

Eye Protection: Not required

Protective Clothing or Equipment: None required

Abbreviation Key: N/A = Not Applicable; **Lel** = Lower explosive limit; **Uel** = Upper explosive limit

The information contained herein is believed to be accurate. It is the user's obligation to determine the safe use of the product.