

Issued: 10/2/03

MATERIAL SAFETY DATA SHEET

Emergency 24 hour phone number: 1-800-228-5635

CA PLUS Cyanoacrylate Aerosol Adhesive Activator Part # 00819

1. Product Hazard Rating (NFPA): Health 2, Fire 3, Reactivity 0**2. Hazardous Ingredients/Identity Information:**

<u>Chemical Names</u>	<u>Exposure limits</u>	<u>SARA Title III</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>%by Wt.</u>
Acetone(CAS#67-64-1)	9750mg/kg	Yes	750ppm	750ppm	30-40
N,N-Dimethyl-p-Toluidine	1650mg/kg	No	ND	ND	1-5
Liquefied Petroleum Gas (CAS# 68476-86-8)	NA	-	1000	1000	55-65

Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard. Components Listed as a suspected Carcinogen: None

3. Physical Characteristics: Boiling Point: -44°F to -133°F Vapor Pressure(psig): 118@130F Specific Gravity: <1.0 Solubility/Water: Negligible Vapor Density: >1 Evaporation Rate: <1 Appearance and Odor: Light brown solution with strong sweet aromatic amine odor.**4. Fire and Explosion Hazard Data: Aerosol Flammability: This product is considered to be flammable as described in 16CFR 1500.45. Flammable Limits - % Volume In Air (Propellant): LEL: 1.8 UEL: 9.5 Extinguishing Media: Carbon dioxide, foam and/or dry chemical may be used. Special Fire Fighting Procedures: Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding , as required, to protect personnel from bursting , rupturing or venting containers. Unusual Fire and Explosion Hazards: At elevated temperatures, (over 54°C or 130°F), containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.****5. Reactivity Data: Stability: Stable Hazardous Polymerization: NA Incompatibility (Materials to Avoid): Oxidizing agents, alkalis. Conditions to Avoid: Do not store above 54C – 130F. Keep away from heat, direct sunlight, open flames or sparks. Dropping of containers may cause bursting.****6. Health Hazard Data: Route(s) of Entry – Inhalation: X Eyes: X Skin: X Ingestion: X Signs and Symptoms of Exposure: Inhalation: May cause respiratory irritation. Inhalation overexposure can lead to central nervous system depression. Eye contact: Liquid or vapor may cause severe eye irritation.**

Ingestion: Aspiration hazard. May cause gastrointestinal irritation. May Cause central nervous system depression. May produce kidney or liver damage. **Skin:** May cause mild irritation, defatting and drying of the skin. **Medical Conditions Generally Aggravated by Exposure:** Preexisting skin or eye disorders may be aggravated by exposure to this product. Prolonged skin contact may result in skin irritation and dermatitis. **Emergency and First Aid Procedures:** **Eye Contact:** Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention if irritation persists. **Skin Contact:** Remove contaminated clothing. Flush skin with water, follow by washing with soap and water. If irritation persists, get medical attention. Do not reuse clothing until cleaned. **Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention. **Ingestion:** Do not induce vomiting. Get medical attention immediately.

7. **Precautions for Safe Handling and Use:** **Releases or Spilled:** Remove all sources of ignition and ventilate area. Soak up spill with an inert absorbent and place into a designated disposal container. Consult local regulatory agency for proper disposition of material. **Waste Disposal Method:** Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of container in accordance with local, state and federal regulations. **Handling and Storing:** Avoid breathing vapor. Keep away from heat and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 130F, (54C). Store as Level 3 Aerosol (NFPA 30B) **Other precautions:** Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way and give the necessary safety precautions to protect your health.
8. **Employee Protection:** **Respiratory Protection (Type):** None required if good ventilation is maintained. If exposure exceeds occupational exposure limits, (Sec. 2), use a NIOSH approved respirator to prevent overexposure. **Ventilation:** Local exhaust is adequate under normal conditions, mechanical ventilation is Optional. **Protective Gloves:** Chemical resistant gloves. **Eye Protection:** Chemical safety glasses. **Other Protective Clothing or equipment:** Wear Impervious clothing to prevent skin contact. **Work/Hygienic Practices:** Ensure Strict sanitary conditions are conformed to when working around chemicals. Protective clothing and equipment should be in accordance with 29 CFR 1910.132 and CFR 1920.133.
9. **Other Regulatory Controls:** **Governmental Listings:** Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.
10. **Transportation Requirements (D.O.T. Classification):** **Shipping Name:** Consumer Commodity **Hazard Class:** ORM-D

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