



# PC2-F CLEAR VINYL ADHESIVE

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## SECTION I - PRODUCT IDENTIFICATION

Product Name: **PC2-F CLEAR VINYL ADHESIVE**

Revision: 1/21/03

## SECTION II - HAZARDOUS INGREDIENTS & OTHER COMPONENTS

<b>INGREDIENT CHEMICAL NAME</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS RECOMMENDED</b>	<b>CAS NUMBER</b>
<b>Methyl Ethyl Ketone</b>	<b>200ppm</b>	<b>200ppm</b>	<b>N/A</b>	<b>78-93-3</b>
<b>Acetone</b>	<b>750ppm</b>	<b>750ppm</b>	<b>N/A</b>	<b>67-64-1</b>
<b>Toluene</b>	<b>100ppm</b>	<b>100ppm</b>	<b>50ppm</b>	<b>108-88-3</b>

## SECTION III – PHYSICAL DATA / CONTENTS WITHOUT PROPELLENT

**BOILING POINT:** 132°F

**SPECIFIC GRAVITY (H2O=1):** .87-.88

**VAPOR PRESSURE (mm Hg):** 180mm

**MELTING POINT:** ND

**VAPOR DENSITY (AIR = 1):** Heavier

**EVAPORATION RATE (Butyl Acetate = 1):** Slower

**SOLUBILITY IN WATER:** Insoluble in water **APPEARANCE AND ODOR:** Clear; Sharp – mint like odor

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD USED):** -14°C

**FLAMMABLE LIMITS** LEL: 1% UEL: 12%

**EXTINGUISHING MEDIA:** WATER FOG STANDARD FOAM x CO<sub>2</sub> x  
 DRY CHEMICAL x HALON

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Extremely Flammable. Overheated, closed container near a fire could explode due to pressure buildup.

**SPECIAL PRECAUTIONARY STATEMENTS:** Fire Fighters should be equipped with self-contained breathing apparatus when fighting fires involving this material.

#### SECTION V: REACTIVITY DATA

**STABILITY:** x Stable Unstable

**Incompatibility :** Strong Oxidizing Agents.

**Hazardous Decomposition:** CO<sub>2</sub> and CO when subjected to flames or excessive heat.

**HAZARDOUS POLYMERIZATION:** May Occur xWill not occur

**Conditions to Avoid:** N/A

#### SECTION VI: HEALTH HAZARD DATA

##### ROUTES OF ENTRY & HEALTH HAZARDS (ACUTE AND CHRONIC)

**INGESTION:** Nausea, vomiting and diarrhea. Aspiration into the lungs as a result of vomiting may cause lung damage.

**EYES:** Liquid mildly irritating. Overexposure may also cause irritation. Redness, tearing and swelling.

**INHALATION:** Overexposure may cause irritation to respiratory system. Extreme overexposure to vapors could result in central nervous system, liver and kidney damage. Extreme overexposure of Toluene vapors may cause nervous system damage..

**SKIN:**

Prolonged contact can cause defatting and possible dermatitis. Dryness of skin including cracking.

#### **EMERGENCY AND FIRST AID PROCEDURES**

- INGESTION:** DO NOT INDUCE VOMITING. Call a physician. Give water to victim. If vomiting occurs, prevent aspiration into lungs.
- EYES:** Flush immediately with water. Call a physician.
- INHALATION:** Move affected person to fresh air at once. Restore breathing. Call a physician if difficulties persist.
- SKIN:** Wash area with soap and water.

#### **SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

- STEPS TO BE TAKEN IN CASE LARGE AMOUNTS ARE RELEASED:** Extinguish all sources of ignition in area. Collect spilled material and place in a closed container for disposal or salvage.
- WASTE DISPOSAL METHOD:** Dispose in accordance with local and current U.S. E.P.A. regulations.
- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Keep away from heat, open flames and sparks. Use and store with adequate ventilation to prevent vapor buildup. Vapors released by product can easily ignite.
- OTHER PRECAUTIONS:** Avoid contact with skin and eyes. Avoid prolonged breathing of vapors. Keep container closed when not in use. KEEP OUT OF REACH OF CHILDREN.

#### **SECTION VIII: CONTROL MEASURES**

- RESPIRATORY PROTECTION:** If exposure exceeds occupational exposure limits, use a NIOSH approved respirator to prevent overexposure. Per 29 CFR 1910.134 CCROV or SA types recommended.
- VENTILATION:** Explosion proof ventilation maybe required to control vapor concentrations.

**LOCAL EXHAUST:** Should be used to maintain exposure below TLV(s).

**PROTECTIVE GLOVES:** Impervious gloves; (for Solvent)

**EYE PROTECTION:** Chemical goggles or safety glasses.

**SECTION IX: SPECIAL PRECAUTIONS**

<b>HEALTH: 2</b>	<b><u>HAZARD RATING KEY</u></b>
<b>FLAMMABILITY: 3</b>	0 = MINIMAL
<b>REACTIVITY: 0</b>	1 = SLIGHT
<b>PERSONAL PROTECTION:</b>	2 = MODERATE
	3 = SERIOUS
	4 = SEVERE
	* = CHRONIC HEALTH EFFECTS

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