

## Material Safety Data Sheet: Premier Supreme Adhesive™

### 1- Chemical Product and Company Identification:

Product Name: Premier Supreme Adhesive™  
Product Type: Ethyl Cyanoacrylate  
Date revised: April, 2022

### 2- Composition/Information on Ingredients:

<u>Ingredient</u>	<u>CAS Number</u>	<u>%wt.</u>
Ethyl Cyanoacrylate	7085-85-0	90.1%
PMMA	9065-11-6	4.9%
Carbon Black	1333-86-4	5%

### 3- Hazards Identification - Potential Health Effects:

This product is a colored, solvent borne Cyano Methacrylate.

**Eye contact:** Contact with vapor or liquid may irritate the eyes.

**Ingestion:** May cause pain, nausea and vomiting.

**Inhalation:** Vapor can cause headache, nausea and irritation of the nose, throat and lungs.

**Skin Contact:** Slightly irritating to the skin.

### 4- First Aid Measures:

**Eye contact:** Immediately flush eyes with running water for at least 15 minutes. If redness, itching or a burning sensation develops, see a physician. Do not force eye open. See supplemental section for emergency action.

**Ingestion:** Ingestion is unlikely. Get medical attention immediately.

**Inhalation:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention immediately.

**Skin contact:** Remove contaminated clothing/shoes and wipe off excess from skin, Wash exposed area with soap and water. If redness, itching or a burning sensation develops, get medical attention.

### 5- Fire Fighting Measures:

**Extinguishing Media:** Use dry chemical, carbon dioxide, foam or spray as appropriate for surrounding fire.

**Fire-Fighting Instructions:** Do not enter any enclosed or confined fire space without full protective equipment, including self-contained breathing apparatus to protect against the bazar dons effects of combustion products and oxygen deficiency.

### 6-Accidental Release Measures

**Small Spills:** Dike and absorb with inert material such as sand and remove all liquid with the use of a vacuum system. If unable to remove liquid, then begin to absorb with sand, saw dust or commercial absorbent, and scoop up and place in containers for proper disposal. Keep spills and cleaning runoff out of the municipal sewers and open bodies of water. Decontaminate all clothing and the spell area with a detergent and large amounts of water.

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**Large Spills:** Use same procedure as small spill.

### **7- Handling and Storage:**

**Handling Precautions:** Avoid skin or eye contacts. Avoid prolonged or repeated breathing of vapors and mists. If spilled on clothing, launder before reuse. Do not take internally. Use only in a well ventilated area keep out of the reach of children.

**Storage Requirements:** Keep from freezing. Product will coagulate. Keep container tightly closed when not in use. Don not get in eyes, on skin or on clothing. Monomer vapors can be evolved with material is heated. Containers, even those that have been emptied, will retain product residue vapors and are subject to proper waste disposal, as above.

### **8- Protective Equipment:**

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation. Use Chemical Goggles if splashing may occur.

### **9- Physical and Chemical Properties:**

**Physical State:** Liquid

**pH:** N/A

**Water Solubility:** N/A

**Boiling Point:** 100°C

### **10- Stability and Reactivity:**

**Hazardous Decomposition Products:** Thermal decomposition may yield acrylic monomer, carbon monoxide and carbon dioxide. Unidentified organic compounds in fumes and smoke may be formed during combustion.

### **11- Toxicological Information**

**Toxicity:** Skin contact may cause burns. Bond skin rapidly and strongly Skin and eye irritant

**Routes of Entry:** Inhalation (Yes), Skin (Yes), Ingestion (Yes)

**Carcinogen etc.:** See section 3

**12-Ecological Information** - No Data available.

### **13- Disposal Considerations:**

**Disposal:** Dispose of unused product or contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

### **14- Transportation Information:**

**CLASS:** Unlisted

**UN Number:** Unlisted

**IATA:** Not regulated

### **15- Regulatory Information:**

**CA Proportion 65:** No California proposition 65 chemicals are known to be present.

### **16- Other Information:** Personal protection, See Section 8

To the best of knowledge, the information contained herein is accurate. However, neither our company nor any subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown.

### First Aid Supplement

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Cyanoacrylate adhesive is a very fast setting and strong adhesive. It bonds human tissue and skin in seconds. Experience has shown that accidents due to Cyanoacrylates are best handled by passive, non-surgical first aid. Treatments of specific types of accidents are suggested as follows:

**Skin Contact-** Remove excess adhesive. Soak in warm, soapy water. The adhesive will come loose from the skin in several hours. Dried adhesive does not present a health hazard even when bonded to the skin. Avoid contact with clothes, fabric, rags or tissue. Contact with these materials may cause polymerization. The polymerization of large amounts of adhesive will generate heat causing smoke, skin burns, and strong, irritating vapors. Wear rubber or polyethylene gloves and an apron when handling large amounts of adhesive.

**Skin Adhesion-** First; immerse the bonded surfaces in warm, soapy water. Peel off or roll the surfaces open with the end of a blunt edge, such as a spatula or a spoon handle, then remove adhesive from the skin with soap and water. Do not try to pull the surfaces apart with a direct opposing action.

**Eyelid Adhesion-** In the event that eyelids are stuck together or bonded to the eyeball, wash thoroughly with warm water and apply a gauze patch. The eye will open without further action, typically in one to two days. There will be no residual damage. Do not try to open the eyes by manipulation.

**Adhesive in eye-** Adhesive introduced into the eyes will attach itself to the eye protein and will disassociate from it over intermittent periods, usually in several hours. This will cause periods of weeping until clearance is achieved. It is important to understand that disassociation will normally occur within a matter of hours, even with gross contamination.

**Mouth-** If lips are accidentally stuck together apply lots of warm water and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull the lips with direct opposing action. It is almost impossible to swallow Cyanoacrylate. The adhesive solidifies and adheres in the mouth. Saliva will lift the adhesive in one to two days.

**Burns-** Cyanoacrylates give off heat on solidification. In rare cases, large drops will increase in temperature enough to cause a burn. Burns should be treated normally after the lump of Cyanoacrylate is released from the tissue as described above.

**Surgery-** It should never be necessary to use such drastic action to separate accidentally bonded skin.