

# Material Safety Data Sheet U. S. Department of Labor

May be used to comply with Occupational Safety and Health Administration  
OSHA's Hazard Communication Standard, (Non-Mandatory Form)  
29 CFR 1910.1200. Standard must be Form Approved  
consulted for specific requirements. OMB No. 1218-0072

IDENTIFY (As used on label) No Label Resin Brush On	
<b>Section I</b>	
Manufacture's Name PNI WorldWide	Emergency Telephone Number 1-800-535-5053 (International Number) 813-960-2780
Address (Number, Street, City, State and ZIP Code)	Telephone Number for Information SAA
5454 West Crenshaw Street	Data Prepared 03-22-07
Tampa, Fl 33634	
<b>Section II – Hazardous Ingredients/Identity Information</b>	
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended % Optional)	
Ethyl Cyanoacrylate (7085-85-0) 90 – 95	
Poly (Methyl Methacrylate) (9011-14-7) 5 – 10	
Butylated Hydroxyanisole* (25013-16-5) 0.1 – 0.2	
*This component is listed as Prop 65 Chemical.	

### Section III – Physical/Chemical Characteristics

Boiling Point	>300°F	Specific Gravity (H2O =1) @ 80°F	~1.05
Vapor Pressure (mm Hg)	<0.2mm Hg @ 75°F	Melting Point	n/a
Vapor Density (AIR = 1)	Approximately 3	Evaporation Rate (Butyl Acetate = 1)	n/a

Solubility in Water Polymerized by water

Appearance and Odor Clear liquid with a sharp, irritating odor.

### Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)	150 - 200°F TCC	Flammable Limits	LEL N/A	UEL N/A
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**Extinguishing Media:** Dry chemical, CO2, foam

**Special Fire Fighting Procedures:** Self contained breathing apparatus

**Unusual Fire and Explosion Hazards:** Possible exothermic reaction leading to substrate ignition and fume generation.

### Section V – Health Hazard Data

**Threshold Limit Value:** Ethyl Cyanoacrylate 0.2ppm TWA(ACGIH); Butylated Hydroxyanisole 2mg/m<sup>3</sup> TWA (ACGIH) and OSHA(PEL).

**Effects of overexposure:** Vapor is irritating to eyes and mucous membranes. Prolonged and repeated overexposure to vapors may produce allergic reactions with asthma like symptoms in sensitive individuals. Skin contact: **Bonds skin in seconds. Large drops may cause burns.**

Ingestion: not expected to be harmful by ingestion. Rapidly solidifies and bonds to mouth.

**Emergency and First Aid Procedures:** Ingestion: Keep individual calm. Ensure breathing passages are not obstructed. Saliva will separate solidified product within hours. Avoid swallowing.

Inhalation: Remove to fresh air. If discomfort persists seek medical attention.

Skin Contact: Immerse bonded surface in soapy water. Peel or roll surface apart with aid of blunt edge. Do not pull apart with direct opposing action.

Eye Contact: Flush at least 15 minutes with water and apply gauge patch. Eye will open within 1-4 days. Obtain medical attention.

Burns: Should be treated normally after the lump of cyanoacrylate is released from the tissue.

**Section VI – Reactivity Data**

Stability	Unstable		Conditions to Avoid: Amines, base materials.
	Stable	X	(Under normal conditions)

Incompatibility (*Materials to avoid*)  
Water, amines, alkalis and alcohols.

Hazardous Decomposition Products None

Hazardous Polymerization	May occur	X	Rapid exothermic solidification will occur in the presence of water, alcohol, amines or alkali.
	Will not occur		

**Section VII – Spill or Leak Procedures**

**Steps to be taken in case material is to be released or spilled:** Flood with water to polymerize.

**Waste Disposal Method:** Incinerate in accordance with EPA and Local regulations.

**Section VIII – Special Protective Information**

**Respiratory Protection** (*Specify Type*) None needed for normal use.

<b>Ventilation:</b> Local ventilation recommended for prolonged use.	<b>Local Exhaust</b> Recommended	<b>Special</b> None
	<b>Mechanical</b> Not Applicable	<b>Other</b> None

**Protective Gloves:** Polyethylene gloves, do not use cotton gloves.

**Eye Protection:** Safety Glasses or Goggles.

**Other Protective Equipment:** Polyethylene/polypropylene coats or aprons (not rubber or cotton).

**Section IX – Special Precautions**

**Precautions to be taken in handling and storing:**

Store below 75°F to maximize shelf life. Avoid contact with eyes, skin and clothing.  
SKIN CONTACT THROUGH CLOTHING MAY CAUSE BURNS.

**Other Precautions:**

Avoid breathing vapor. Keep away from children. Avoid contact with fabric or paper goods. Take precautions to avoid spillage on countertops, table tops or other working surfaces.

## Section X – Regulatory Information

CERCLA/SARA Section 311/312: Immediate/Delayed health hazard fire, reactive. WHMIS Hazard Class: B.3, D.2.B. All components are listed or are exempt from listing on the TSCA Inventory and the DSL

Estimated HMIS Code: Fire Hazard (2), Health Hazard (2), Reactivity (1)

## Section X – Transportation Information

DOT (49CFR172):

Proper Shipping Name: Consumer Commodity

Hazard Classification: ORM-D

**Unrestricted [Less than 450 L]**

**NA1993, Combustible liquid, n.o.s. (cyanoacrylate ester), 3, III [More than 450 L]**

IATA:

Unrestricted [Not more than 500ml]

UN3334, Aviation regulated liquid, n.o.s., (cyanoacrylate ester), 9 [More than 500 ml]

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