

**Material Safety Data Sheet**

VETCLOSE SURGICAL GLUE (PVL)

Material Name	MedBond™ (formulated cyanoacrylate)	N-Butyl Cyanoacrylate Monomer
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**Section I**

<b>Manufacturer's Name</b> CP MEDICAL	<b>For Chemical Emergency</b> Spill Leak Fire Exposure or Accident Call CHEMTREC Day or Night	<b>Emergency Telephone Number</b> 1-800-424-9300 (International Number) 703-527-3887
<b>Address</b> 803 NE 25th Avenue Portland, OR 97232-2304	<b>Telephone Number for Information</b> 503-232-1555	
<b>Date Prepared: 2/28/2006</b>		

**Section II - Hazardous Ingredients/Identity Information**

Hazardous components	Formaldehyde-approx. 50-100ppm
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**Section III - Physical/Chemical Characteristics**

Boiling Point	60° C @1mm Hg	Specific Gravity (H2O=1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR =1)	25°C	Evaporation Rate (Butyl Acetate =1)	N/A
Solubility in Water	Insoluble		
Appearance and Odor	Liquid, colorless to slightly yellow.		

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UBL
80° C (T.C.C)			
Extinguishing Media	Carbon Dioxide, dry chemical, foam, water spray		
Special Fire Fighting Procedures:	Self-containing breathing apparatus.		
Unusual Fire Explosion Hazards	None		

**Section V - Health Hazard Data**

Threshold Limit Value:	No criteria for measurement. Not yet established.
Effects of overexposure:	N/A
Emergency and First Aid Procedures:	<p><b>Skin Contact:</b> Wash with soap and water. Remove contaminated clothing. Obtain medical attention if irritation develops.</p> <p><b>Eye contact:</b> Bonds in seconds. Flush eyes with water. Do not force eyes open. Obtain medical attention. Cyanoacrylate will bond to eye proteins causing a lachrymatory effect. Cover with a wet pad until de-bonding is complete in about 1-3 days.</p> <p><b>Ingestion:</b> Get immediate medical attention. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person. May cause upper sensitization and upper respiratory irritation.</p> <p><b>Inhalation:</b> Remove to fresh air. If breathing is difficult, give oxygen. If unconscious, evaluate the need for artificial respiration. Get immediate medical attention.</p>

**Section VI - Reactivity Data**

Stability	Unstable	X	Conditions to Avoid: Heat and high temperatures
	Stable		
Hazardous Decomposition Products:	Will not occur under normal conditions		
Hazardous Polymerization	May occur	X	Conditions to Avoid
	Will not occur		

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<b>Section VII - Spill or Leak Procedures</b>
Steps to be taken in case material is to be released or spilled: Flood with water to polymerize. Soak up with an inert absorbent.
Waste Disposal Method: Polymerize as above. Incinerate in accordance with EPA and local regulations.

<b>Section VIII - Special Protective Information</b>						
Respiratory Protection (Specify Type) None needed for normal use.						
<table border="1"> <tr> <td>Ventilation</td> <td>Local Exhaust Positive down draft</td> <td>Special</td> </tr> <tr> <td></td> <td>Mechanical</td> <td>Other</td> </tr> </table>	Ventilation	Local Exhaust Positive down draft	Special		Mechanical	Other
Ventilation	Local Exhaust Positive down draft	Special				
	Mechanical	Other				
Protective Gloves: Polyethylene gloves. Do not use cotton gloves.	Eye Protection: Safety glasses or goggles					
Other Protective Equipment: Polyethylene/polypropylene aprons and coats (not rubber or cotton).						

<b>Section IX - Special Precautions</b>
Precautions to be taken in handling and storing: Store at below 30°C to maximize shelf life.
Other Precautions: Avoid contact with skin and eyes. Avoid breathing vapors.

<b>Section X - Regulatory Information</b>
Estimated HMIS Code: Health Hazard(2) Fire Hazard (2) Reactivity (2)

<b>Section XI- Transportation Information</b>
<b>[Ground Transportation] DOT (49CFR172)</b> For outer package weight greater than 30kg and/or less than 450L: NA 1993, Combustible liquid, n.o.s. (cyanoacrylate ester), 3, III. For Outer package weight less than or equal to 30 kg and inner package quantities less than or equal to 5L: NA1993, Combustible liquid, n.o.s (cyanoacrylate ester), 3, III, LTD QTY [Spec pkg. not required]. For outer package weight less than or equal to 29kg and inner package quantities less than or equal to 30ML: Unrestricted (Small quantity exception). Outer Package must be marked with "This package conforms to 49 CFR 173.4".
<b>[Air Transportation] IATA</b> For outer package weight greater than 100L but less than or equal to 220 UN3334. Aviation regulated liquid, n.o.s., (cyanoacrylate ester), 9, CARGO ONLY; For package quantities greater than or equal to 500 ml but less than 100L: UN3334, Aviation regulated liquid, n.o.s., (cyanoacrylate ester), 9. For outer package quantities less than 500 ml and inner package quantities less than 30 ML: Unrestricted (Excepted Quantity)

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