

# Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for the specific requirements.

# U. S. Department of Labor

Occupational Safety and Health Administration  
(Non-Mandatory Form)

Form Approved  
OMB No. 1218-0072

IDENTIFY (As used on label) <b>Dermaflex</b>		NOTE: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate it.	
<b>Section I</b>			
Manufacture's Name <b>CHEMENCE MEDICAL, INC.</b>		Emergency Telephone Number <b>1-800-424-9300</b> (International Number) <b>703-527-3887</b>	
Address (Number, Street, City, State and ZIP Code) <b>185 BLUEGRASS VALLEY PARKWAY</b>		Telephone Number for Information <b>(770)-664-6624</b>	
<b>ALPHARETTA, GA 30005-2222</b>		Data Prepared <b>11/15/05</b>	
		Signature of Preparer (Optional)	
<b>Section II – Hazardous Ingredients/Identity Information</b>			
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended			% Optional
<b>N-Butyl Cyanoacrylate</b> 6606-65-1			<90
<b>2-Octyl Cyanoacrylate</b> 133978-15-1			<90
<b>Polymer of 2-Octyl Cyanoacrylate</b> N/A			
<b>Tributyl Citrate</b> 77-94-1			
<b>D&amp;C Violet #2</b> 81-48-1			
<b>BHA</b> 25013-16-5			
NB = Not Established			
<b>Section III – Physical/Chemical Characteristics</b>			
Boiling Point	<b>83-90°C @ 1mm HG</b>	Specific Gravity (H <sub>2</sub> O =1)	<b>N/A</b>
Vapor Pressure (mm Hg)	<b>N/A</b>	Melting Point	
Vapor Density (AIR = 1)	<b>25°C</b>	Evaporation Rate (Butyl Acetate = 1)	<b>NA</b>
Solubility in Water: <b>Polymerize by water</b>			
Appearance and Odor: <b>Clear liquid – sharp, irritant odor.</b>			
<b>Section IV – Fire and Explosion Hazard Data</b>			
Flash Point (Method Used)	Flammable Limits	LEL	UEL
<b>NA (T.C.C.)</b>	<b>NA</b>		
Extinguishing Media: <b>Carbon Dioxide, dry chemical, foam.</b>			
Special Fire Fighting Procedures: <b>Self-contained breathing apparatus</b>			
Unusual Fire and Explosion Hazards: <b>Possible exothermic reaction leading to substrate ignition and fumes generation.</b>			
<b>Section V – Health Hazard Data</b>			
Threshold Limit Value: <b>No criteria for measurement. Not yet established</b>			
Effects of overexposure: <b>Vapor is irritating to eyes and mucous membrane. Prolonged and repeated overexposure to vapors may produce allergic reactions with asthma-like symptoms in sensitive individuals.</b>			
Emergency and First Aid Procedures: <b>Skin contact:</b> immerse bonded surface in warm, soapy water. Peel or roll surface apart with aid of blunt edge. Do not pull apart with direct opposing action. <b>Eye contact:</b> flush with warm water and apply gauze patch. Eye will open within 1-4 days. <b>Mouth:</b> apply warm water to mouth. Peel or roll lips apart. <b>Inhalation:</b> remove to fresh air. <b>Burns:</b> should be treated normally after the lump of cyanoacrylate is released from the tissue.			
<b>Section VI – Reactivity Data</b>			
Stability	Unstable	Conditions to Avoid <b>Amines, bases</b>	

	Stable	X	
Incompatibility (Materials to avoid)			
Hazardous Decomposition Products: None			
Hazardous Polymerization	May occur		Conditions to Avoid:
	Will not occur	X	
<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.			
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>			
<b>Estimated HMIS Code: Health Hazard (2) Fire Hazard (2) Reactivity (2)</b>			
<b>Section XI – Transportation Information</b>			
DOT (49 CFR 172) Proper Shipping Name: Unrestricted (not more than 450 liters) UN#: - None <450 liters; NA 1993 >450 liters Combustible liquids N.O.S. Cyanoacrylate ester >450 liters Packaging Group: >450 Liters: III Hazard Classification: Unrestricted <450 liters; Combustible Liquid >450 liters. Label Requirement: IATA: Unrestricted (not more than one pint); Aviation regulated liquid N.O.S. (UN3334 Class 9 misc.) Cyanoacrylate ester (More than one pint)			
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