

# Material Safety Data Sheet

## High Viscosity Dermabond® Topical Skin Adhesive

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Identity: High Viscosity Dermabond® Topical Skin Adhesive  
Part Number: AHV12, AHV6, DHV12  
Issue Date: November 18, 2002

### SECTION 1: Manufacturer Information

Manufacturer's Name: Closure Medical Corporation  
Address: 5250 Greens Dairy Road  
Raleigh, NC 27616  
Emergency Telephone Number (US): 800 424-9300  
Telephone Number for Information: 919 876-7800

### SECTION 2: Hazardous Ingredients/Identity Information

2-octyl cyanoacrylate: Percent by Weight: 80  
Other: Percent by Weight: 20  
Hydrocarbon solvent  
Plasticizer  
Thickening Agent

### SECTION 3: Physical/Chemical Characteristics

Description: Clear, purple liquid with a sharp, penetrating odor.  
Boiling Point: Not determined  
Melting Point: Not determined  
Vapor Pressure: Not determined  
Specific Gravity (H<sub>2</sub>O = 1): Not determined  
Evaporation Rate (butyl acetate = 1): Not determined  
Solubility in Water: Will polymerize  
Odor Threshold: Not determined  
Vapor Density: Not determined  
Solvent Solubility: Not determined

### SECTION 4: Fire and Explosion Hazard Data

Fire and Explosion Hazard: Emits toxic fumes under combustion.

Flash Point: < 55°F LEL: N/A UEL: N/A

Firefighting Media: Dry chemical powder, carbon dioxide

Firefighting Instructions: Wear self-contained breathing apparatus and protective

Unusual Fire and Explosion Hazard: Emits toxic fumes under combustion

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### SECTION 5: Reactivity

#### Incompatible Materials:

DERMABOND will polymerize on contact with any basic or alkaline substrate.

#### Conditions to Avoid:

Avoid excessive heat and humidity and exposure to direct sunlight.

#### Decomposition:

Emits toxic fumes under combustion. Small amounts of formaldehyde may be generated.

### SECTION 6: Health Hazard Data

#### EYES:

Exposure - Irritating to the eyes

First Aid – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; If residual adhesive remains, apply topical ophthalmic ointment to help loosen the bond and contact an ophthalmologist.

#### SKIN:

Exposure – contact with liquid adhesive did not cause irritation in rabbits.

First Aid – If unintended bonding of intact skin occurs, peel off the adhesive but do not pull skin apart. Petroleum jelly or acetone may help loosen the bond. Other agents such as water, saline, soap are not expected to immediately loosen the bond.

#### INGESTION:

Exposure – DERMABOND® adhesive polymerizes rapidly on contact with oral mucosa making inhalation of the liquid adhesive extremely unlikely.

First Aid – Ingestion is highly unlikely. It is almost impossible to swallow the liquid adhesive. It will solidify and adhere within the mouth. If the polymerized material is swallowed, no adverse effects are expected. However, contact a physician if gastric distress is noted.

#### INHALATION:

Exposure – DERMABOND® adhesive polymerizes rapidly on contact with oral or nasal mucosa making inhalation of the liquid adhesive extremely unlikely.

First Aid – If nasal or respiratory irritation occurs, move to fresh air. Obtain medical attention.

#### TOXICITY:

Chronic - DERMABOND® Adhesive is not carcinogenic

Teratogenicity - DERMABOND® Adhesive is not teratogenic.

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Reproductive Effects - No adverse effects have been associated with the use of Dermabond® Adhesive.

Neurotoxicity - No neurotoxic effects have been associated with the use of Dermabond® Adhesive.

Mutagenicity - DERMABOND® Adhesive is not mutagenic.

DERMABOND® Adhesive has not been associated with adverse health effects. Reactions for lower homologue industrial cyanoacrylates are typically restricted to local, self-limited irritation of attached and immediately surrounding tissues.

Adverse reactions may occur in individuals who are hypersensitive to cyanoacrylate or formaldehyde when exposed to DERMABOND® Adhesive.

### SECTION 7: Precautions for Safe Handling and Use.

*Storage and Disposal: Observe all federal, state, and local regulations when storing and disposing of this substance.*

#### STORAGE:

Recommended storage conditions are below 30C/86F away from moisture and direct heat. Keep container in a well ventilated place. Do not use after expiration date.

#### DISPOSAL:

Ensure compliance with local, state, and federal non-hazardous solid waste regulations.

#### *Spill and Leak Procedures:*

The liquid adhesive will polymerize once expressed through the applicator or otherwise released from its primary container. The polymerized adhesive is non-toxic and may be disposed of with the applicator in non-hazardous solid waste. Any liquid adhesive may be polymerized with water and picked up with an insert absorbant material.

### SECTION 8: Control Measures

<u>Ventilation:</u>	Keep container in a well-ventilated area. Use in a well-ventilated area.
<u>Eye/Face Protection:</u>	Wear eye/face protection.
<u>Skin Protection:</u>	Wear suitable (nitrile or polyethylene) gloves
<u>Respiratory Protection:</u>	Respiratory protection is not anticipated for this product's normal application.

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