

Product Name: Nexaband Liquid Topical Tissue Adhesive  
Issued: 02/28/2002



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer Name and Address: Abbott Laboratories  
Specialty Products Division  
1401 N. Sheridan Rd.  
North Chicago, IL 60064-4000

Customer Service Telephone: 1-888-299-7416 or 1-847-935-6919  
Emergency Telephone: CHEMTREC: 1-800-424-9300

Product Name: Nexaband Liquid Topical Tissue Adhesive  
Synonyms: Nexaband Liquid Adhesive

List Number: 5297

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percent	OSHA PEL	ACGIH TLV	AIHA WEEL	Abbott EEL	Skin Notation
2-Octyl cyanoacrylate L-02-3112	100	Not Listed	Not Listed	Not Applicable	Not Applicable	None

Notes: OSHA PEL: US Occupational Safety and Health Administration - Permissible Exposure Limit.  
ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value.  
AIHA WEEL: American Industrial Hygiene Association - Workplace Environmental Exposure Level.  
Abbott EEL: Abbott Laboratories Employee Exposure Limit.  
TWA: 8-hour Time Weighted Average.  
STEL: 15-minute Short Term Exposure Limit.  
C: Ceiling Limit.

### 3. HAZARDS IDENTIFICATION

#### Emergency Overview:

Clear colorless liquid.

Odor not determined.

Will polymerize on contact with skin and eyes, and could bond with other surfaces. This material is an eye and skin irritant.

#### Routes of Exposure:

Oral:

No

Dermal:

Not determined.

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**Inhalation:** Not determined.

**Hazard Information:**

**Ingestion Rating:** None  
**Skin Absorption Rating:** Not determined.  
**Inhalation Rating:** Not determined.  
**Corrosiveness Rating:** Not determined.  
**Skin Contact Rating:** Irritant  
**Skin Sensitization Rating:** None  
**Eye Contact Rating:** Irritant  
**Target Organs:** Eyes •Skin •Respiratory System •

**Carcinogenicity Rating:**

Ingredients	Percent	OSHA:	NTP:	IARC:	ACGIH:
2-Octyl cyanoacrylate L-02-3112	100	Not Listed	Not Listed	Not Listed	Not Listed

**NFPA Rating:** Health: 1 Fire: 1 Reactivity: 1 Avoid the use of water.

**Signs and Symptoms:** Exposure may result in the following: eye irritation, skin irritation, respiratory irritation, Direct contact may cause: bonding of skin.

**Medical Conditions Aggravated by Exposure:** Data suggest any preexisting ailments in the following organs: eyes, skin, respiratory system.

#### 4. FIRST AID MEASURES

**Eye Contact:** Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary. If residual material remains, apply topical ophthalmic ointment to help loosen the bond and contact an ophthalmologist.

**Skin Contact:** Remove from source of exposure. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary. If unintended bonding of the skin occurs, peel off adhesive but do not pull skin apart. Petroleum jelly or acetone may help loosen the bond.

**Inhalation:** Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

**Ingestion:** Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.

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## 5. FIRE FIGHTING MEASURES

### FLAMMABILITY:

Flash Point (°C): > 230  
Autoignition Temp. (°C): Not determined.

### FIRE-FIGHTING INFORMATION:

Suitable Extinguishing Media: Dry chemical or carbon dioxide.  
Special Protective Equipment: Wear protective clothing and self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Methods of Cleaning and Collecting: Ventilate area. Recover product and place in an appropriate container for disposal. Polymerized material may be removed with acetone.

Personal Precautions: Use personal protective equipment identified in Section 8.

Environmental Precautions: Not determined.

Incompatibilities: Water. Strong acids and bases.

## 7. HANDLING AND STORAGE

Handling: Not determined.

Storage: Store at room temperature. Protect from freezing and extreme heat.

Special Precautions: Should not be used beyond the indicated expiration date.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use in a well ventilated area.

Respiratory Protection: Respiratory protection is not needed during normal product use.

Eyes: Wear eye protection appropriate to handling activities.

Gloves: Nitrile gloves are recommended.

Other Personal Protection Data: Wear appropriate body coverings if contact may occur.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless liquid.  
Odor: Odor not determined.  
Boiling Point @ 760 mm Hg (°C): 85-90 at 1 mm of Hg  
Melting/Freezing Point (°C): Not determined.  
Vapor Pressure (mm Hg): Not determined.  
Bulk Density at 20°C: Not determined.  
Solubility: Not determined.  
Specific Gravity: 0.985  
pH: Not determined.  
Viscosity (centipoise): Not determined.

## 10. STABILITY AND REACTIVITY

Chemical Stability: Not determined.  
Self-Heating Tendency: Not determined.  
Materials to Avoid: Water. Strong acids and bases  
Hazardous Decomposition Products: Not determined.  
Hazardous Polymerization: Will polymerize on contact with water.  
Conditions to Avoid: Avoid contact with skin and eyes.

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral: Non-toxic by ingestion. Data for component (s) given below.

Ingredients	Percent	Acute Test	Value	Units	Species
2-Octyl cyanoacrylate L-02-3112	100	LD50 >	30,000	mg/kg	Animals

Acute Toxicity - Dermal: Not determined.

Acute Toxicity - Inhalation: Not determined.

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**Corrosivity:** Not determined.

**Dermal Irritation:** A similar material is a skin irritant.

**Eye Irritation:** A similar material is an eye irritant.

**Sensitization:** Not determined.

**Target Organ Effects:** Not determined.

**Reproductive Effects:** Not determined.

**Carcinogenicity:** Not determined.

**Mutagenicity:** Not determined.

**Notes:**

1. ALD: Approximate lethal dosage
2. LC50: Concentration in air that produces 50% mortality
3. LD50: Oral or dermal dosage that produces 50% mortality

## **12. ECOLOGICAL INFORMATION**

**Aquatic Toxicity:** Not determined.

**Biodegradation:** Not determined.

**General Notes:** None.

**Notes:**

1. EC50: Concentration in water that produces 50% mortality in *Daphnia* sp.
2. LC50: Concentration in water that produces 50% mortality in fish.
3. EbC50/ErC50: Concentration in water that produces 50% inhibition of growth and in algae.

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### 13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Disposal should be made in accordance with federal, state and local regulations.

### 14. TRANSPORT INFORMATION

DOT:  
Status: Not Regulated.

ICAO/IATA:  
Status: Not Regulated.

IMDG:  
Status: Not Regulated.

TDG (Canada):  
Status: Not Regulated.

### 15. REGULATORY INFORMATION

#### SARA 313 Information

Ingredients	Percent	SARA 313 Chemical:	CERCLA RQ/SARA EHS RQ (lbs):	SARA EHS TPQ (lbs):
2-Octyl cyanoacrylate L-02-3112	100	No	Not Applicable	Not applicable

#### SARA 311/312 Hazard Categories:

Immediate Health: Yes  
Delayed Health: No  
Fire: No  
Sudden Pressure: No  
Reactivity: Yes

TSCA Inventory Status: Exempt.

CERCLA Status: Not determined.

RCRA Status: Not determined.

Proposition 65 Status: Does not contain chemicals known to the state of California to cause cancer or

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reproductive harm.

**EC HAZARD CLASSIFICATION:**

**Category of Danger:** Irritant

**Indication of Danger :** Xi Irritant.

**Risk Combination Phrases:** R36/37/38 Irritating to eyes, respiratory system and skin.

**Safety Phrases:** S45 In case of accident or if you feel unwell, seek medical advice immediately.

**Safety Combination Phrases:** S24/25 Avoid contact with skin and eyes.

**ICH Classification:** Not determined.

**CANADIAN REGULATIONS:**

**Canadian Inventory:** Not determined.  
**Canadian NDSL:** Not determined.  
**WHMIS Hazard Class:** D2B TOXIC MATERIALS.



**Notes:**

1. SARA = Superfund Amendments and the Reauthorization Act.
2. CERCLA = Comprehensive Environmental Response, Compensation and Liability Act.
3. FIFRA = Federal Insecticide, Fungicide and Rodenticide Act.
4. TSCA = Toxic Substances Control Act.
5. EC = European Community.
6. WHMIS = Canadian Workplace Hazardous Materials Information System.
7. ICH = International Committee for Harmonization.

**16. OTHER INFORMATION**

**Document Authored By:** Dale Smrz

**Disclaimer:**

The information and recommendations contained herein are based upon tests believed to be reliable. However, Abbott

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