

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.

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

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.

Product Name: **Nexaband Liquid Topical Tissue Adhesive**
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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.**

Product Name: **Nexaband Liquid Topical Tissue Adhesive**
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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.

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

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.

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

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.

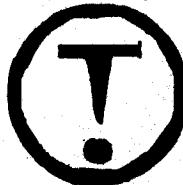
ICH Classification: Not determined.

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

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Disclaimer:

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

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