

# Liquid Skin® Adhesive

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 03/15/2016

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Liquid Skin® Adhesive

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Skin Protectant

#### 1.3. Details of the supplier of the safety data sheet

Chemence Medical, Inc.  
200 Technology Drive  
Alpharetta, GA 30005-2222  
T 770-664-6624

#### 1.4. Emergency telephone number

Emergency number : 1-800-424-9300; CHEMTREC® International Emergency number: 703-527-3887

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Flam. Liq. 4 H227  
Skin Irrit. 2 H315  
Skin Sens.1 H317  
Eye Irrit. 2A H319  
STOT SE 3 H335

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H227 - Combustible liquid  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H335 - May cause respiratory irritation

Precautionary statements (GHS-US):

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray  
P271 - Use only in a well-ventilated area  
P280 - Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352 - IF ON SKIN: Wash with plenty of soap and water  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P501 - Dispose of contents/container to local, regional, national, and international regulations.

#### 2.3. Other hazards

WARNING: Cyanoacrylate. Eye irritant. Bonds skin and eyes in seconds. This adhesive gives a virtually immediate, strong bond: apply only to surfaces to be bonded. Keep out of the reach of children.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Full text of H-phrases: see section 16

#### 3.2. Mixture: Hazardous ingredients:

Name	Product identifier	%	GHS-US classification
2-Propenoic acid, 2-cyano-, butyl ester	(CAS No) 6606-65-1	>90%	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Seek medical attention.
- First-aid measures after skin contact : If unintended bonding of skin tissue occurs, peel of the adhesive, but do not pull skin apart. Application of petroleum jelly or acetone may help loosen the bond. As the epidermal layer grows the adhesive will naturally slough off.
- First-aid measures after eye contact : Rinse immediately with copious amounts of water and seek medical attention. If residual adhesive remains, apply topical ophthalmic ointment to help loosen the bond. Do not pull eye lids apart.
- First-aid measures after ingestion : If taken orally the product will polymerize rapidly, adhering to the mouth. Ensure breathing passages are clear. Saliva will separate any solidified product within two days. Prevent accidental swallowing. Seek medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause respiratory irritation.
- Symptoms/injuries after skin contact : Will bond skin. May cause burns if dropped on clothing in contact with the skin. May cause allergic reaction on skin of acrylate sensitive individuals.
- Symptoms/injuries after eye contact : Causes eye irritation. May cause eye lids to bond.
- Symptoms/injuries after ingestion : May be harmful if swallowed.

#### 4.3. Indication of any immediate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Alcohol-resistant foam. Dry powder. Carbon dioxide. Water spray or fog.
- Unsuitable extinguishing media : None

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Combustible liquid.
- Explosion hazard : None known.
- Reactivity : No dangerous reactions known under normal conditions of use.

#### 5.3. Advice for firefighters

- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.

##### 6.1.1. For non-emergency personnel

- Protective equipment : Use appropriate personal protection equipment (PPE).

##### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Evacuate unnecessary personnel. Use appropriate personal protection equipment (PPE). Ventilate area.

#### 6.2. Environmental precautions

Do not allow water (or moist air) contact with this material. Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

- For containment : If possible, stop flow of product.
- Methods for cleaning up : Contain and/or absorb spill with inert material, then place in suitable container.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Avoid contact with eyes, skin and clothing.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a dry place.

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### SECTION 8: Exposure controls/personal protection

#### Exposure controls

Appropriate engineering controls	: General (mechanical) room ventilation is expected to be satisfactory for normal handling.
Hand protection	: Use impervious gloves such as neoprene, nitrile, or rubber for hand protection.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable working clothes
Respiratory protection	: None required under normal product handling conditions.
Other information	: Do not eat, drink or smoke during use.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Colour	: Colourless or purple.
Odour	: Sharp.
Boiling point	: 83 - 84°C @3 mmHg
Flash point	: > 85 °C
Melting point	: ~ - 30°C
Vapour pressure	: < 0.4 mmHg @25°C
Specific gravity	: 1.01
Solubility	: Water: Insoluble (Polymerizes in the presence of water)
Evaporation rate	: Negligible

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under normal conditions. Polymerises rapidly with water.

#### 10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal conditions.

#### 10.4. Conditions to avoid

None.

#### 10.5. Incompatible materials

Amines. Bases.

#### 10.6. Hazardous decomposition products

None.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

No additional information available

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

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### 12.4. Mobility in soil

Considered very low due to rapid polymerization with water.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with DOT : Not Regulated; Not hazardous for transport.

Proper Shipping Name : N/A

Transport document description : N/A

Hazard Class : N/A

Packing Group : N/A

UN-No.(DOT) : None

DOT NA no. : N/A

Marine Pollutant : N/A

### Additional information

Other information : Not hazardous for transport.

ADR : Not Regulated

Transport by sea : Not Regulated

Air transport : Not Regulated

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### 2-Propenoic acid, 2-cyano-, butyl ester (6606-65-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315

Skin Sens.1 H317

Eye Irrit. 2A H319

STOT SE 3 H335

#### 15.2.2. National regulations

No additional information available

### 15.3. US State regulations

**Proposition 65 No Significant Risk Levels (NSRLs):** This product contains no ingredient under Proposition 65 that is classified as a significant risk.

## SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixturejs, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H-phrases:

H227	Combustible liquid
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation

SDS US (GHS HazCom 2012)

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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