

**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

**1. Product & Company Identification**

Product Details

Product name: 4 Minutes Clear Epoxy (Part A - Resin)  
Physical form: Viscous Liquid Form  
Odour: Characteristic Odor.  
CAS No.: 25068-38-6  
Flammability: Combustible.

Company Details

Manufacturer: Silock Technical Inc.  
Address: Nevada 89102 USA

**2. Hazards Identification**

Hazard Pictogram



Signal word: Warning

Classification

Eye irritation	Category 2
Corrosion / irritation	Category 2
Hazardous to the aquatic environment - chronic hazard	Category 2
Skin sensitization	Category 1

Hazard statement

H319 - Causes serious eye irritation.  
H315 - Causes skin irritation.  
H317 - May cause allergic skin reaction.  
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statement - General

P102 - Keep out of the reach of children.

Precautionary statement - Prevention

P280 - Wear protective gloves and eye / face protection.

Precautionary statement - Response

**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
 P362 - Take off contaminated clothing and wash before reuse.  
 P333 - If skin irritation or rash occurs: Get medical attention.  
 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.

**Precautionary statement - Disposal**

P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

**3. Composition / Hazardous Components**

<u>Chemical Name</u>	<u>CAS No.</u>	<u>WT%</u>
Epoxy Resin	25068-38-6	100%

**4. First-aid Measures**

**General remarks:** Do not leave affected person unattended. Plot casualty from the danger area. Keep victim warm, calm and eclipsed. Remove contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical attention. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

**Inhalation:** If the breathing is irregular or stopped, seek medical advice immediately and initiate first aid measures. In case of respiratory tract irritation, consult a physician. Provide fresh air.

**Eye contact:** Remove contact lenses, if present and it can be removed easily. Continue rinsing. Hold eyelids stretched and rinse with plenty of clean, running water for 10 minutes.

**Ingestion:** If swallowed, rinse your mouth with water (only if the person is conscious). Do not induce vomiting.

**Skin contact:** Wash with plenty of soap and water.

**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

**5. Fire Fighting Measures**

Extinguishing media:	Water spray, alcohol-resistant foam, BC-powder, carbon dioxide (CO <sub>2</sub> )
Special protective actions for fire-fighters:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Nitrogen oxides (NO <sub>x</sub> ), carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> )

**6. Accidental release measures**

Personal precautions, protective equipment and emergency procedures

For non-emergency:	Take people to safety place.
For workers, emergency responders:	If exposed to vapors/dust/ aerosols/gases, wear breathing apparatus.
Environmental precautions:	Prevent spillage into drains, surface water and groundwater.
Clean-up methods:	Covering of drains. Wipe off with absorbent material (eg. Textiles, non-woven fabric). Transfer leaked substances into suitable containers for disposal. Ventilate affected area.

**7. Handling and Storage**

Handling:	After use, wash your hands. Do not eat, drink or smoke in the workplace. Before entering eating areas remove contaminated clothing and protective equipment. No food or drink stored near the chemicals. Never store chemicals in containers that are usually used to store food or drinks. Avoid breathing vapor and mist.
Storage:	Keep in cool, well-ventilated area away from heat, sparks and open flame. Use only compatible container and keep container tightly closed/sealed until ready for use.

**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

**8. Exposure control / Personal protection**

<b>Occupational exposure limits:</b>	No specific date.
<b>Engineering controls:</b>	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
<b>Environmental exposure control:</b>	Emissions from ventilation or work process equipment should be checked to ensure they comply with requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
<b>Respiratory protection:</b>	Use a properly fitted, particular filter respiratory complying with an approved standard if a risk assessment indicates this is necessary.
<b>Skin protection:</b>	Chemical resistance, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
<b>Eye/face protection:</b>	Safety eyewear complying with an approved standard should be used when a risk assessment indicated this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts.

**9. Physical and Chemical Properties**

<b>Physical state:</b>	Viscous Liquid	<b>Viscosity:</b>	Unresolved
<b>Color:</b>	Colorless	<b>Flash point:</b>	Unresolved
<b>Odor:</b>	Characteristic odor	<b>Specific gravity:</b>	1.10±0.05 at 25°C
<b>pH:</b>	Unresolved	<b>Flammability:</b>	Not relevant
<b>Melting/Freezing point:</b>	Unresolved	<b>Explosive properties:</b>	No
<b>Boiling point/range:</b>	Unresolved	<b>Oxidizing properties:</b>	No

## SAFETY DATA SHEET

### 4 MINUTES CLEAR EPOXY

10. Stability and Reactivity			
Reactivity:	No specific test data related to reactivity available for this product or its ingredients.		
Chemical Stability:	The product is stable.		
Hazardous Reaction:	Under normal conditions of storage and uses, hazardous reactions will not occur.		
Hazardous combustion:	See section 5.		
Incompatibility:	No specific data.		
Conditions to avoid:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Strong acids, strong oxidizing agents and strong bases.		
11. Toxicological Information			
Information on toxicological effects:	Test data are not available for the complete mixture. Method for classification of a mixture based on the components of the mixture (additivity formula).		
<b>GHS Classification (1272.2008 / EC, CLP)</b>			
Acute toxicity:	Not classified as acutely toxic.		
Route of exposure	Property (Monitored)	Value	Test animal
Oral	LD50	>2.000 mg/kg	Rat
Dermal	LD50	>2.000 mg/kg	Rat
CAS: 25068-38-6			
Skin corrosion / irritation:	Irritates the skin.		
Serious eye damage / eye irritation:	It causes serious eye irritation.		
Respiratory / skin sensitization:	May cause allergic skin reaction.		
Summary of the CMR properties:	It not classified as mutagens for germ cells, carcinogenic or reproductive toxicant.		
Toxicity for specific target organ toxicity (STOT):	It not classified as toxic to specific target organs.		
Aspiration hazard:	It not classified as aspiration hazard.		

12. Ecological Information			
Toxicity:	Toxic to aquatic organisms.		
Aquatic toxicity (acute)			
Property (Monitored)	Value	Test animal	Exposure time
LC50	0.209 mg/l	Fish	96 hours
CAS: 25068-38-6			
Aquatic toxicity (chronic):	Toxic to aquatic life with long lasting effects.		
Persistence and degradability:	BOD5 / COD. Insignificant.		
bioaccumulation potential:	Data not available.		



**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

Mobility in soil:	Data not available.
The results of The results of the assessment vPvB and vPvB:	Data not available.
Other adverse effects:	Data not available.

**13. Disposal Considerations**

Information provided is for unused product only

**Recommended method of disposal:** It is a hazardous waste, only containers that are approved (eg. By ADP) can be used. Completely emptied containers can be recycled. Treat contaminated packaging in the same way as the substance itself. Dispose of in accordance with Federal, State and local regulations.

**14. Transport Information**

**U.S Department of Transportation Ground (49 CFR):**

**Proper Shipping Name:** Environmentally Hazardous Substance, Liquid, N.O.S  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packaging group:** III  
**Exceptions:** None  
**Marine pollutant:** Hazardous to the aquatic environment.

**International Air Transportation (ICAO/IATA):**

**Proper Shipping Name:** Environmentally Hazardous Substance, Liquid, N.O.S  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packaging group:** III  
**Exceptions:** None

**Water Transportation (IMO/IMDG):**

**Proper Shipping Name:** Environmentally Hazardous Substance, Liquid, N.O.S  
**Hazard class or division:** 9  
**Identification number:** UN 3082  
**Packaging group:** III  
**Marine pollutant:** Hazardous to the aquatic environment.

**15. Regulatory Information**

**Chemical Safety Assessment:** Chemical safety assessments for substances in this mixture were not carried out  
**Regulations concerning safety, health and environmental regulations / legislation specific** Information not available

REV : 04  
DATE : 20<sup>th</sup> June 2023

## SAFETY DATA SHEET



### 4 MINUTES CLEAR EPOXY

for the substance or mixture:

#### 16. Other Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

\*\*\* End of SDS \*\*\*

**SILOCK®**  
PROFESSIONAL  
SOLUTION

**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

**1. Product & Company Identification**

Product Details

Product name: 4 Minutes Clear Epoxy (Part B - Hardener)  
Physical form: Viscous Liquid Form  
Odour: Characteristic Odour.  
CAS No.: 68410-23-1  
Flammability: Combustible.

Company Details

Manufacturer: Silock Technical Inc.  
Address: Nevada 89102 USA

**2. Hazards Identification**

Hazard Pictogram



Signal word: Warning

Classification

Series eye damage / Eye irritation	Category 2
Skin Corrosion / Irritation	Category 2
Skin sensitization	Category 1

Hazard statement

H319 - Causes serious eye irritation.  
H315 - Causes skin irritation.  
H317 - May cause allergic skin reaction.

Precautionary statement - General

P102 - Keep out of the reach of children.

Precautionary statement - Prevention

P280 - Wear protective gloves and eye / face protection.

Precautionary statement - Response

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.  
P362 - Take off contaminated clothing and wash before reuse.  
P333 - If skin irritation or rash occurs: Get medical attention.



## SAFETY DATA SHEET



### 4 MINUTES CLEAR EPOXY

**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.

**Precautionary statement - Disposal**

**P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.**

### 3. Composition / Hazardous Components

<u>Chemical Name</u>	<u>CAS No.</u>	<u>WT%</u>
Epoxy Hardener	68410-23-1	100%

### 4. First-aid Measures

<b>General remarks:</b>	Do not leave affected person unattended. Plot casualty from the danger area. Keep victim warm, calm and eclipsed. Remove contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical attention. In case of unconsciousness place person in the recovery position. Never give anything by mouth.
<b>Inhalation:</b>	If the breathing is irregular or stopped, seek medical advice immediately and initiate first aid measures. In case of respiratory tract irritation, consult a physician. Provide fresh air.
<b>Eye contact:</b>	Remove contact lenses, if present and it can be removed easily. Continue rinsing. Hold eyelids stretched and rinse with plenty of clean, running water for 10 minutes.
<b>Ingestion:</b>	If swallowed, rinse your mouth with water (only if the person is conscious). Do not induce vomiting.
<b>Skin contact:</b>	Wash with plenty of soap and water.

### 5. Fire Fighting Measures

<b>Extinguishing media:</b>	Water spray, alcohol-resistant foam, BC-powder, carbon dioxide (CO <sub>2</sub> )
<b>Special protective actions for fire-fighters:</b>	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Nitrogen oxides (NO <sub>x</sub> ), carbon monoxide (CO), carbon dioxide (CO <sub>2</sub> )

**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

**6. Accidental release measures**

Personal precautions, protective equipment and emergency procedures

For non-emergency:	Take people to safety place.
For workers, emergency responders:	If exposed to vapors/dust/ aerosols/gases, wear breathing apparatus.
Environmental precautions:	Prevent spillage into drains, surface water and groundwater.
Clean-up methods:	Covering of drains. Wipe off with absorbent material (eg. Textiles, non-woven fabric). Transfer leaked substances into suitable containers for disposal. Ventilate affected area.

**7. Handling and Storage**

Handling:	After use, wash your hands. Do not eat, drink or smoke in the workplace. Before entering eating areas remove contaminated clothing and protective equipment. No food or drink stored near the chemicals. Never store chemicals in containers that are usually used to store food or drinks. Avoid breathing vapor and mist.
Storage:	Keep in cool, well-ventilated area away from heat, sparks and open flame. Use only compatible container and keep container tightly closed/sealed until ready for use.

**8. Exposure control / Personal protection**

Occupational exposure limits:	No specific date.
Engineering controls:	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure control:	Emissions from ventilation or work process equipment should be checked to ensure they comply with requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Respiratory protection:	Use a properly fitted, particulate filter respiratory complying with an approved standard if a risk assessment indicates this is necessary.
Skin protection:	Chemical resistance, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Eye/face protection:	Safety eyewear complying with an approved standard should be used when a risk assessment indicated this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts.

**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

**9. Physical and Chemical Properties**

Physical state:	Viscous Liquid	Viscosity:	Unresolved
Color:	Slight yellow	Flash point:	Unresolved
Odor:	Characteristic odor	Specific gravity:	1.00±0.05 at 25°C
pH:	Unresolved	Flammability:	Not relevant
Melting/Freezing point:	Unresolved	Explosive properties:	No
Boiling point/range:	Unresolved	Oxidizing properties:	No

**10. Stability and Reactivity**

Reactivity:	No specific test data related to reactivity available for this product or its ingredients
Chemical Stability:	The product is stable.
Hazardous Reaction:	Under normal conditions of storage and uses, hazardous reactions will not occur.
Hazardous combustion products:	See section 5.
Incompatibility:	No specific data.
Conditions to avoid:	No specific data.

**11. Toxicological Information**

Information on toxicological effects:	Test data are not available for the complete mixture. Method for classification of a mixture based on the components of the mixture (additivity formula).
<b>GHS Classification (1272.2008 / EC, CLP)</b>	
Acute toxicity:	Not classified as acutely toxic.
Skin corrosion / irritation:	Irritates the skin.
Serious eye damage / eye irritation:	It causes serious eye irritation.
Respiratory / skin sensitization:	May cause allergic skin reaction.
Summary of the CMR properties:	It not classified as mutagens for germ cells, carcinogenic or reproductive toxicant.
Toxicity for specific target organ toxicity (STOT):	It not classified as toxic to specific target organs.
Aspiration hazard:	It not classified as aspiration hazard.

**12. Ecological Information**

Toxicity:	No specific data.
Persistence and degradability:	No specific data.
bioaccumulation potential:	No specific data.
Mobility in soil:	No specific data.
The results of The results of the	No specific data.

**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

assessment vPvB and vPvB:  
Other adverse effects: No known significant effects or critical hazards.

**13. Disposal Considerations**

Information provided is for unused product only  
Recommended method of disposal: It is a hazardous waste, only containers that are approved (eg. By ADR) can be used. Completely emptied containers can be recycled. Treat contaminated packaging in the same way as the substance itself. Dispose of in accordance with Federal, State and local regulations.

**14. Transport Information**

U.S Department of Transportation Ground (49 CFR):

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (contains fatty acid amidoamine resin)  
Hazard class or division: 9  
Identification number: UN 3082  
Packaging group: III  
Exceptions: None  
Marine pollutant: None.

International Air Transportation (ICAO/IATA):

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (contains fatty acid amidoamine resin)  
Hazard class or division: 9  
Identification number: UN 3082  
Packaging group: III  
Exceptions: None

Water Transportation (IMO/IMDG):

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (contains fatty acid amidoamine resin)  
Hazard class or division: 9  
Identification number: UN 3082  
Packaging group: III  
Marine pollutant: None.

**SAFETY DATA SHEET**



**4 MINUTES CLEAR EPOXY**

**15. Regulatory Information**

<b>Chemical Safety Assessment:</b>	<b>Chemical safety assessments for substances in this mixture were not carried out</b>
<b>Regulations concerning safety, health and environmental regulations / legislation specific for the substance or mixture:</b>	<b>Information not available</b>

**16. Other Information**

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

\*\*\* End of SDS \*\*

