



MATERIAL SAFETY DATA SHEET

2Ton Quick Epoxy/3Ton **Quick Epoxy RESIN**

Date: 11 September 2017

Rev No.: 0

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Name: 2Ton Quick Epoxy/3Ton Quick Epoxy Resin

Company: Alteco Chemical Pte Ltd
19 Tuas Avenue 11
Singapore 639084

Telephone: +6568620377
Fax: +6568620221

2. HAZARDS IDENTIFICATION

GHS Classification:	Acute toxicity	Class 5
	Skin irritation	Class 2
	Aquatic Chronic	Class 2
	Skin sensitizer	Class 1

GHS Label Element:
Pictogram



Signal Word: Warning
Hazard Statement(s):
May be harmful if swallowed.
Cause skin irritation.
May cause an allergic skin reaction.
Cause serious eye irritation.
Toxic to aquatic life with long lasting effects.

Precautionary Statement(s):
Wear protective gloves.
If swallowed, rinse mouth.
If on skin, wash with soap and water.
If in eye, rinse with water. Remove contact lenses.
If exposed or concerned, get medical treatment.
Dispose of contents and container, send to licensed operator.

Hazard symbol(s) Irritant

3. COMPOSITION / INFORMATION OF INGREDIENTS

Component	CAS No.	Percentage
Bisphenol A Epoxy resin	25068-38-6	45-55%
Talc	14807-96-6	45-55%

[4. FIRST-AID MEASURES

After Inhalation: If inhaled, remove to fresh air. If not breathing give

artificial respiration. Consult a physician.

After Skin Contact: In case of contact, immediately wash skin with soap and copious amounts of water. Consult a physician.

After Eye Contact: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes and consult a physician.

After Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES]

Extinguisher Media: Suitable: Carbon dioxide, dry chemical powder, or appropriate foam.

Special Protecting Equipment or Firefighter: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

[6. ACCIDENTAL RELEASE MEASURES

Procedure(s) of Personal Precaution(s): Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

Environmental Precautions: Do not let product enter drain.

Methods for Cleaning up: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Precautions Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measure for preventive fire protection.

Condition for Safe Storage: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control: Safety shower and eye bath. Mechanical exhaust required.

General Hygiene Measures: Wash thoroughly after handling.

Personal Protecting Equipment: Respiratory Protection: Government approved respirator.
Hand Protection: Compatible chemical resistant gloves.

Eye Protection: Chemical safety goggles.

[9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Black paste
Property:	Value:
pH:	N/A
BP/BP Range:	N/A
MP/MP Range:	N/A
Flash Point:	N/A
Flammability:	N/A
Autoignition Temp:	N/A
Oxidizing Properties:	N/A
Explosive Properties:	N/A
Explosion Limits:	N/A
Vapor Pressure:	N/A
Water Solubility:	N/A

[10. STABILITY AND REACTIVITY

Stability and Reactivity:	Stable under normal storage condition.
Condition to avoid	Avoid contact with heat and ignition sources.
Materials to avoid	Strong oxidizing agent, acids, bases
Hazardous decomposition products:	Carbon dioxide. Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	May be harmful if swallowed.
Skin corrosion / irritation:	Cause skin irritation.
Serious eye damage / eye irritation:	Cause eye irritation.
Respiratory or skin sensitization:	May cause sensitization by skin contact.
Germ cell mutagenicity:	No data available
Carcinogenic	No data available.
Reproductive toxicity:	No data available
Specific target organ toxicity – single exposure:	No data available
Specific target organ toxicity – repeated exposure:	No data available
Aspiration hazard:	No data available
Potential health effects	

Inhalation	Maybe harmful if inhaled. Causes respiratory tract irritation.
Ingestion	Maybe harmful if swallowed.
Skin	Causes skin irritation.
Eyes	Causes eye irritation.

12. ECOLOGICAL INFORMATION

Toxicity	Moderately toxic to aquatic life.
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13. DISPOSAL CONSIDERATIONS

Substance Disposal:	Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.
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[14. TRANSPORT INFORMATION]

RID/ADR:	No regulated.
IMDG:	No regulated.
IATA:	No regulated.

[15. REGULATORY INFORMATION]

Not applicable

16. OTHER INFORMATION

DISCLAIMER:	Information provided is based on our up to date knowledge.
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MATERIAL SAFETY DATA SHEET

2Ton Quick Epoxy/3Ton **Quick Epoxy HARDENER**

Date: 11 September 2017

Rev No.: 0

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product Name: 2Ton Quick Epoxy/3Ton Quick Epoxy
Hardener

Company: Alteco Chemical Pte Ltd
19 Tuas Avenue 11
Singapore 639084

Telephone: +6568620377
Fax: +6568620221

2. HAZARDS IDENTIFICATION

<p>GHS Classification:</p> <p>Flammable Liquid Category</p> <p>Pyrophoric Liquids</p> <p>Corrosive To Metals</p> <p>Acute Toxicity (Oral)</p> <p>Acute Toxicity (Dermal)</p> <p>Acute Toxicity (Inhalation (vapor))</p> <p>Skin Corrosion/Irritation Category</p> <p>Eye Irritation Category</p> <p>Respiratory Sensitizer Category</p> <p>Skin Sensitizer Category</p> <p>Germ Cell Mutagenicity</p> <p>Carcinogenicity</p> <p>Reproductive Toxicity</p> <p>Target Organ Systemic Toxicity (Single Exposure)</p>	<p>Not classified</p> <p>Not classified</p> <p>Not classified</p> <p>Not classified</p> <p>Not classified</p> <p>Not classified</p> <p>Classification not possible</p> <p>Classification not possible</p> <p>Classification not possible</p> <p>Classification not possible</p> <p>Classification not possible</p> <p>Classification not possible</p> <p>Classification not possible</p> <p>Classification not possible</p> <p>Classification not possible</p>
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GHS Label Element:

Pictogram: None

Signal Word: None

Hazard Statement(s): May be harmful if swallowed.

Precautionary Statement(s):

Wear protective gloves.

If swallowed, rinse mouth.

If on skin, wash with soap and water.

If in eye, rinse with water. Remove contact lenses.

If exposed or concerned, get medical treatment.

Dispose of contents and container, send to licensed operator.

Hazard symbol(s) None

3. COMPOSITION / INFORMATION OF INGREDIENTS

Component	CAS No.	Percentage
Modified polythiol	secret	45-55%
Tertiary amine	secret	2-7%
Nonyl phenol	25154-52-3	<3%
Talc	14807-96-6	45-55%

[4. FIRST-AID MEASURES

After Inhalation:	If inhaled, remove to fresh air. If not breathing give artificial respiration. Consult a physician.
After Skin Contact:	In case of contact, immediately wash skin with soap and copious amounts of water. Consult a physician.
After Eye Contact:	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes and consult a physician.
After Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

[5. FIRE-FIGHTING MEASURES

Extinguisher Media:	Suitable: Carbon dioxide, dry chemical powder, or appropriate foam.
Special Protecting Equipment or Firefighter:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

[6. ACCIDENTAL RELEASE MEASURES

Procedure(s) of Personal Precaution(s):	Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.
Environmental Precautions:	Do not let product enter drain.
Methods for Cleaning up:	Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

[7. HANDLING AND STORAGE

Precautions Handling:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measure for preventive fire protection.
Condition for Safe Storage:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

[8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control:	Safety shower and eye bath. Mechanical exhaust required.
General Hygiene Measures:	Wash thoroughly after handling.
Personal Protecting Equipment:	Respiratory Protection: Government approved respirator. Hand Protection: Compatible chemical resistant gloves. Eye Protection: Chemical safety goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White paste

Property:	Value:
pH:	N/A
BP/BP Range:	N/A
MP/MP Range:	N/A
Flash Point:	N/A
Flammability:	N/A
Autoignition Temp:	N/A
●xidizing Properties:	N/A
Explosive Properties:	N/A
Explosion Limits:	N/A
Vapor Pressure:	N/A
Water Solubility:	N/A

10. STABILITY AND REACTIVITY

Stability and Reactivity: Stable under normal storage condition.

Condition to avoid No data available.

Materials to avoid No data available

Hazardous decomposition products: No data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: No data available.

Skin corrosion / irritation: No data available

Serious eye damage / eye irritation: No data available

Respiratory or skin sensitization: No data available

Germ cell mutagenicity:	No data available
Carcinogenic	No data available.
Reproductive toxicity:	No data available
Specific target organ toxicity single exposure:	No data available
Specific target organ toxicity – repeated exposure:	No data available
Aspiration hazard:	No data available
Potential health effects	
Inhalation	No data available
Ingestion	No data available.
Skin	No data available.
Eyes	No data available

12. ECOLOGICAL INFORMATION

Ecological information Not available.

13. DISPOSAL CONSIDERATIONS

Substance Disposal: Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14. TRANSPORT INFORMATION

RD/ADR: No regulated.

IMDG: No regulated.

IATA: No regulated.

15. REGULATORY INFORMATION

Not applicable

16. OTHER INFORMATION

DISCLAIMER: Information provided is based on our up-to-date knowledge.