



For the Builders
of a Better World™

Form

Rev: B
Page: 1 of 11
Date: 22/10/2024

Safety Data Sheet

1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): STONETECH® Enhancer & Sealer

MANUFACTURER'S/ DISTRIBUTOR'S NAME: LATICRETE South East Asia Pte Ltd
38 Sungei Kadut,
Street 2 (Level2 A3),
Singapore 729245.

Phone number for additional information: (65) 6515 3028

Date prepared or revised: 22/10/2024

2. COMPOSITION INGREDIENTS

Chemical Names	CAS NUMBERS	Percent
Modified Linseed Oil	Trade Secret	7-13
2-Butoxyethanol	111-76-2	1-5
Amines, coco alkyldimethyl, N-oxides	61788-90-7	0.5-1.5

3. HEALTH HAZARD INFORMATION

Classification of the Substance or Mixture

Eye Irrit. 2	H319 Causes serious eye irritation
Aquatic Acute 3	H402 Harmful to aquatic life
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects



Signal word

Warning



For the Builders
of a Better World™

Form

Rev: B

Page: 2 of 11

Date: 22/10/2024

Safety Data Sheet

Hazard statement	H319 Causes serious eye irritation. H402 Harmful to aquatic life. H412 Harmful to aquatic life with long lasting effects.
Precautionary statement	P264 Wash hands, forearms, and other exposed areas thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves, protective clothing, and eye protection. 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 in accordance with local, regional, national, and international regulations.
Other hazards	Exposure may aggravate pre-existing eye, skin, or respiratory conditions.
Unknown acute toxicity	No data available.

4. FIRST AID: EMERGENCY PROCEDURES

Description of First-aid Measures

First-aid Measures General	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid Measures After Inhalation	: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid Measures After Skin Contact	: Immediately drench affected area with water for at least 15 minutes. Remove contaminated clothing. Obtain medical attention if irritation develops or persists.
First-aid Measures After Eye Contact	: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and



For the Builders
of a Better World™

Form

Rev: B
Page: 3 of 11
Date: 22/10/2024

Safety Data Sheet

First-aid Measures After Ingestion

easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries : Causes serious eye irritation.
Symptoms/Injuries After Inhalation : Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact : Prolonged exposure may cause skin irritation.
Symptoms/Injuries After Eye Contact : Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/Injuries After Ingestion : Ingestion may cause adverse effects.
Chronic Symptoms : None expected.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable extinguishing media : Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.
Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard : Not considered flammable but may burn at high temperatures.
Explosion Hazard : Product is not explosive.
Reactivity : Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire : Exercise caution when fighting any chemical fire.
Firefighting Instructions : Use water spray or fog for cooling exposed containers.



For the Builders
of a Better World™

Form

Rev: B
Page: 4 of 11
Date: 22/10/2024

Safety Data Sheet

Protection During Firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products : May liberate toxic gases. Carbon oxides (CO, CO₂). Hydrocarbons. Hydrogen Fluoride (HF). Carbonyl fluoride.
Other Information : Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General Measures : Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

For Non-Emergency Personnel

Protective Equipment : Use appropriate personal protective equipment (PPE).
Emergency Procedures : Evacuate unnecessary personnel.

For Emergency Personnel


Protective Equipment : Equip cleanup crew with proper protection.
Emergency Procedures : Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up

For Containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up : Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

 <p>For the Builders of a Better World™</p>	Form	Rev: B
	<h1>Safety Data Sheet</h1>	Page: 5 of 11
		Date: 22/10/2024

Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray.

Hygiene Measures : Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures : Comply with applicable regulations.

Storage Conditions : Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials : Strong acids, strong bases, strong oxidizers.

Specific End Use(s)

Treatment of natural stone surfaces.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

2-Butoxyethanol (111-76-2)



**For the Builders
of a Better World™**

Form

Rev: **B**
Page: 6 of 11
Date: 22/10/2024

Safety Data Sheet

USA ACGIH	ACGIH TWA (ppm)	20 ppm
USA ACGIH	ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA ACGIH	Biological Exposure Indices (BEI)	200 mg/g Kreatinin Parameter: Butoxyacetic acid with hydrolysis - Medium: urine - Sampling time: end of shift
USA NIOSH	NIOSH REL (TWA) (mg/m ³)	24 mg/m ³
USA NIOSH	NIOSH REL (TWA) (ppm)	5 ppm
USA IDLH	US IDLH (ppm)	700 ppm
USA OSHA	OSHA PEL (TWA) (mg/m ³)	240 mg/m ³
USA OSHA	OSHA PEL (TWA) (ppm)	50 ppm
USA OSHA	Limit value category (OSHA)	prevent or reduce skin absorption

Exposure Controls

Appropriate Engineering Controls

: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal Protective Equipment

: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.

Materials for Protective Clothing

: Chemically resistant materials and fabrics.

Hand Protection

: Wear protective gloves.

Eye and Face Protection

: Chemical safety goggles.

Skin and Body Protection

: Wear suitable protective clothing.

Respiratory Protection

: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information

: When using, do not eat, drink or smoke.



**For the Builders
of a Better World™**

Form

Rev: **B**

Page: 7 of 11

Date: 22/10/2024

Safety Data Sheet

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Appearance	: Milky white liquid
Odor	: Ether-like
Odor threshold	: No data available
pH	: 4.5
Evaporation rate	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 110°C (230°F) Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Specific gravity	: 0.998
Solubility	: Water: soluble
Partition coefficient: N-octanol/water	: No data available
Viscosity	: No data available

No additional information available.



For the Builders
of a Better World™

Form

Rev: B
Page: 8 of 11
Date: 22/10/2024

Safety Data Sheet

10. STABILITY AND REACTIVITY

Reactivity	: Hazardous reactions will not occur under normal conditions.
Chemical stability	: Stable under recommended handling and storage conditions (see section 7).
Possibility of hazardous reactions	: Hazardous polymerization will not occur.
Conditions to avoid	: Direct sunlight, extremely high or low temperatures, and incompatible materials.
Incompatible materials	: Strong acids, strong bases, strong oxidizers.
Hazardous decomposition products	: May liberate toxic gases. Carbon oxides (CO, CO ₂). Hydrocarbons. Hydrogen Fluoride (HF). Carbonyl fluoride.

11. TOXICOLOGY INFORMATION

Acute toxicity : Not classified

2-Butoxyethanol (111-76-2)	
LD50 Oral Rat	470 mg/kg
LD50 Dermal Rabbit	435 mg/kg
LC50 Inhalation Rat	2.2 mg/l/4h
LC50 Inhalation Rat	486 ppm/4h

Skin Corrosion/Irritation	: Not classified
pH	: 4.5
Serious Eye Damage/Irritation	: Causes serious eye irritation.
pH	: 4.5
Respiratory or Skin Sensitization	: Not classified
Germ Cell Mutagenicity	: Not classified
Carcinogenicity	: Not classified

2-Butoxyethanol (111-76-2)	
IARC group	3



For the Builders
of a Better World™

Form

Rev: B
Page: 9 of 11
Date: 22/10/2024

Safety Data Sheet

Reproductive Toxicity	: Not classified
Specific Target Organ Toxicity (Single Exposure)	: Not classified
Specific Target Organ Toxicity (Repeated Exposure)	: Not classified
Aspiration Hazard	: Not classified
Symptoms/Injuries After Inhalation	: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact	: Prolonged exposure may cause skin irritation.
Symptoms/Injuries After Eye Contact	: Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/Injuries After Ingestion	: Ingestion may cause adverse effects.

12. ECOLOGICAL INFORMATION


Toxicity

Ecotoxicity : Harmful to aquatic life with long lasting effects.

2-Butoxyethanol (111-76-2)	
LC50 Fish 1	1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 Daphnia 1	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
Amines, coco alkyldimethyl, N-oxides (61788-90-7)	
LC50 Fish 1	1 mg/l
ErC50 (Algae)	0.29 mg/l
NOEC Chronic Algae	0.08 mg/l

Persistence and Degradability

STONETECH® Enhancer & Sealer	
Persistence and Degradability	May cause long-term adverse effects in the environment.

 <p>For the Builders of a Better World™</p>	Form	Rev: B
	<h1>Safety Data Sheet</h1>	Page: 10 of 11 Date: 22/10/2024

Bioaccumulative Potential

STONETECH® Enhancer & Sealer	
Bioaccumulative Potential	Not established.
2-Butoxyethanol (111-76-2)	
Log Pow	0.81 (at 25 °C)

Mobility in soil : No additional information available.

Other information : Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations : Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information : Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials : Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

14. TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In Accordance with DOT Not regulated for transport

In Accordance with IMDG Not regulated for transport

In Accordance with IATA Not regulated for transport

15. REGULATORY INFORMATION

US Federal Regulations

STONETECH® Enhancer & Sealer	
SARA Section 311/312 Hazard Classes	Health hazard - Serious eye damage or eye irritation



**For the Builders
of a Better World™**

Form

Rev: **B**
Page: 11 of 11
Date: 22/10/2024

Safety Data Sheet

2-Butoxyethanol (111-76-2)

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

Amines, coco alkyldimethyl, N-oxides (61788-90-7)

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

US State Regulations

2-Butoxyethanol (111-76-2)

U.S. - Massachusetts - Right To Know List

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

16. OTHER INFORMATION

This information is furnished without warranty, representation, inducement or license of any kind; except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate.