



**Globally Proven
 Construction Solutions**

Safety Data Sheet

1. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): STONETECH® Impregnator Pro® 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: 19/09/2018

2. COMPOSITION INGREDIENTS

Chemical Names	CAS NUMBERS	Percent
Naphtha (petroleum), hydrotreated heavy	64742-48-9	90 - 98
Partially Fluorinated Acrylic Copolymer	Proprietary	1 - 5
n-Butyl acetate	123-86-4	1 - 5

3. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure. (Possible Longer Term Effects) : N/A

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects)

Inhaled : Vapors may cause drowsiness and dizziness.

Contact with skin or eyes : Causes skin irritation and may cause eye irritation on direct contact.

Absorbed through skin : N/A

Swallowed : Ingestion may cause irritation and malaise.



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SUSPECTED CANCER AGENT?

NO: This product's ingredients are not found in the lists.

4. FIRST AID: EMERGENCY PROCEDURES

Eye Contact : Flush thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention immediately.

Skin Contact : Flush thoroughly with water for at least 15 minutes. Wash skin with soap and water. Get medical attention if irritation develops and persists.

Inhaled : Move into fresh air and keep at rest. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.

Swallowed : Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. Get medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed. Solvent vapors may form explosive mixtures with air.

Special protective equipment and precautions for firefighters: Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.



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Fire fighting equipment/instructions:

In case of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Move containers from fire area if you can do it without risk.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Do not breathe mist or vapor. Avoid contact with skin and eyes. Local authorities should be advised if significant spillages cannot be contained. Stay upwind. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering. Use personal protection recommended in Section 8 of the SDS.

Methods and materials for containment and cleaning up:

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water.

Large Spills: Dike the spilled material, where this is possible. Following product recovery, flush area with water. Cover with plastic sheet to prevent spreading. Absorb spillage with non-combustible, absorbent material.

Small Spills: Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not contaminate water.



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7. HANDLING AND STORAGE

Precautions for safe handling: The product is flammable, and heating may generate vapors which may form explosive vapor/air mixtures. Do not handle or store near an open flame, heat or other sources of ignition. Do not breathe mist or vapor. Avoid contact with skin, eyes and clothing. Do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Use only in well-ventilated areas. Avoid prolonged exposure. Wash thoroughly after handling. Handle and open container with care.

Conditions for safe storage: Keep away from heat, sparks and open flame. Store in cool place. Keep in a well-ventilated place. Keep container tightly closed. Keep in an area equipped with sprinklers. Keep this material away from food, drink and animal feed. Use care in handling/storage. Keep away from sources of ignition - No smoking.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)	PEL	400 mg/m ³ 100 ppm
n-Butyl acetate (CAS 123-86-4)	PEL	710 mg/m ³ 150 ppm

US. ACGIH Threshold Limit Values

n-Butyl acetate (CAS 123-86-4)	STEL	200 ppm
	TWA	150 ppm



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US. NIOSH: Pocket Guide to Chemical Hazards

Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)	TWA	400 mg/m ³ 100 ppm
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n-Butyl acetate (CAS 123-86- 4)	STEL	950 mg/m ³ 200 ppm
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	TWA	710 mg/m ³ 150 ppm
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Biological limit values: No biological exposure limits noted for the ingredient(s).

Exposure guidelines: Follow standard monitoring procedures.

Appropriate engineering controls: Explosion proof exhaust ventilation should be used. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment. Provide easy access to water supply or an emergency shower.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear goggles/face shield.

Skin protection

Hand protection: Wear protective gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier.

Other: Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves. Protective shoes or boots. Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. Wear chemical protective equipment that is specifically recommended by the Personal Protective Equipment manufacturer.



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Respiratory protection

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations:

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Launder contaminated clothing before reuse. Remove and isolate contaminated clothing and shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid.
Physical state:	Liquid.
Form:	Liquid.
Color:	Colorless.
Odor:	Mild hydrocarbon.



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Initial boiling point and boiling range: 339.8 °F (171 °C)

Flash point: 125.6 °F (52.0 °C) Closed Cup

Relative density: 0.761

VOC (Weight %): 748 g/l

10. STABILITY AND REACTIVITY

Chemical Stability : Stable under normal conditions. Risk of ignition.

Conditions to avoid : Heat, sparks, flames, elevated temperatures.

Incompatibility (materials to avoid): Strong oxidizing agents. Strong acids.

Hazardous decomposition products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

Hazardous polymerization : Will not occur

11. TOXICOLOGY INFORMATION

Acute toxicity: May cause discomfort if swallowed.

Components	Species	Test Results
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Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)

Acute

Dermal

LD50	Rabbit	>2000 mg/kg
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Inhalation

LC50	Rat	>4.96 mg/l, 4 hours
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Oral

LD50	Rat	>5000 mg/kg
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n-Butyl acetate (CAS 123-86-4)

Acute

Inhalation

LC50 Rat 2000 ppm, 4 hours

Oral

LD50 Rat 10768 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity: Toxic to aquatic life with long lasting effects.

Components	Species	Test Results
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Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)

Aquatic

Algae	IC50	Algae	10 mg/l, 72 hours
Crustacea	EC50	Daphnia	10 mg/l, 48 hours
Fish	LC50	Fish	10 mg/l, 96 hours

13. DISPOSAL CONSIDERATIONS

Dispose in compliance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT

UN number UN3295

UN proper shipping name Hydrocarbons, liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy, n-Butyl acetate)

Transport hazard class(es)

Class	3
Subsidiary risk	-



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Label(s)	3
Packing group	III
Environmental hazards	
Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	144, B1, IB3, T4, TP1, TP29
Packaging exceptions	150
Packaging non bulk	203
Packaging bulk	242
ERG number	128

IATA

UN number	UN3295
UN proper shipping name	Hydrocarbons, liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy, n-Butyl acetate)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
Environmental hazards	Yes
ERG Code	3L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling

IMDG

UN number	UN3295
UN proper shipping name	Hydrocarbons, liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy, n-Butyl acetate)
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Label(s)	3
Packing group	III
Environmental hazards	
Marine pollutant	Yes



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EmS

F-E, S-D

Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

General information IATA classification is not relevant as the material is not transported by air.

15. REGULATORY INFORMATION

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D:
 Partially Fluorinated Acrylic Copolymer
 PMN Number: P-08-0643

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
 Regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
 Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)
 n-Butyl acetate (CAS 123-86-4) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)
 Hazard categories
 Immediate Hazard – Yes
 Delayed Hazard – No
 Fire Hazard – Yes
 Pressure Hazard – No
 Reactivity Hazard – No

SARA 302 Extremely hazardous substance
 Not listed.



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SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

US state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

US. Massachusetts RTK - Substance List

Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)

n-Butyl acetate (CAS 123-86-4)

US. New Jersey Worker and Community Right-to-Know Act

Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)

n-Butyl acetate (CAS 123-86-4)

US. Pennsylvania Worker and Community Right-to-Know Law

Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)

n-Butyl acetate (CAS 123-86-4)

US. Rhode Island RTK

n-Butyl acetate (CAS 123-86-4)

US. California Proposition 65

Not Listed.

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.