SAFETY DATA SHEET

1. Identification

Product identifier
STONETECH® Heavy Duty Exterior Sealer

Other means of identification
None.

Recommended use of the chemical and restrictions on use

Recommended use
Treatment of natural stone surfaces.

Restrictions on use
Not available.

Details of manufacturer or importer

Company name
LATICRETE International

Address
1 Laticrete Park, N
Bethany, CT 06524

Telephone
(203)-393-0010

Contact person
Steve Fine

Website
www.laticrete.com

Emergency phone number
Call CHEMTREC day or night
USA/Canada - 1.800.424.9300
Mexico - 1.800.681.9531
Outside USA/Canada
1.703.527.3887

Supplier

Company name
LATICRETE Australia

Address
P.O. Box 508
Virginia Business Mail Centre
29 Telford Street
VIRGINIA QLD 4014
Australia

Telephone
(61) (7) 3865-1599

Website
www.laticrete.com

Emergency phone number
1.703.527.3887

2. Hazard(s) identification

Classification of the hazardous chemical

Physical hazards
Flammable liquids
Category 3

Health hazards
Skin corrosion/irritation
Category 2
Specific target organ toxicity following single exposure
Category 3 narcotic effects
Aspiration hazard
Category 1

Environmental hazards
Hazardous to the aquatic environment, acute hazard
Category 2
Hazardous to the aquatic environment, long-term hazard
Category 2

Label elements, including precautionary statements

Hazard symbol(s)

Health hazard
Environment
Flame
Exclamation mark
Signal word: Danger

Hazard Statement(s): Flammable liquid and vapour. Causes skin irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

Prevention: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapour. Wash thoroughly after handling. Avoid breathing vapours. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.

Response: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE/doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce vomiting. Collect spillage.


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

Other hazards which do not result in classification: Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment.

Supplemental information: None.

3. Composition/information on ingredients

Mixture

<table>
<thead>
<tr>
<th>Identity of chemical ingredients</th>
<th>CAS number and other unique identifiers</th>
<th>Concentration of ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy</td>
<td>64742-48-9</td>
<td>90 - 98</td>
</tr>
</tbody>
</table>

Composition comments: All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Description of necessary first aid measures

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

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.

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

Ingestion: 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.

Personal protection for first-aid responders: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Symptoms caused by exposure: Skin irritation. Irritation of nose and throat. Irritating to mucous membranes. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Medical attention and special treatment: Treat symptomatically.

5. Fire-fighting measures

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

Suitable extinguishing media:

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 vapours may form explosive mixtures with air.

Special protective equipment and precautions for fire fighters: 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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SDS Australia

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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.

Hazchem Code
3Y

General fire hazards
The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

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 vapour. 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.

For non-emergency personnel
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Do not breathe mist or vapour. 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.

For emergency responders
Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

Environmental precautions
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.

Other issues relating to spills and releases
Never return spills in original containers for re-use.

Clean up in accordance with all applicable regulations.

7. Handling and storage

Precautions for safe handling
The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures. Do not handle or store near an open flame, heat or other sources of ignition. Do not breathe mist or vapour. 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. Use Personal Protective Equipment recommended in section 8 of the SDS. Wash thoroughly after handling. Handle and open container with care.

Conditions for safe storage, including any incompatibilities

8. Exposure controls and personal protection

Control parameters
Follow standard monitoring procedures.

Occupational exposure limits
Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

<table>
<thead>
<tr>
<th>Components</th>
<th>Type</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)</td>
<td>TWA</td>
<td>300 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50 ppm</td>
</tr>
</tbody>
</table>

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, for example personal protective equipment (PPE)

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

Protective shoes or boots. Wear appropriate chemical resistant clothing. 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.

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. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices. 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

Physical state

Liquid.

Form

Liquid.

Colour

Colourless.

Odour

Mild.

Odour threshold

Not available.

pH

No data available.

Melting point/freezing point

Not applicable.

Initial boiling point and boiling range

Not available.

Flash point

40.0 °C (104.0 °F) Closed cup

Evaporation rate

Not applicable.

Flammability (solid, gas)

Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not available.

Flammability limit - upper (%)

Not available.

Vapour pressure

Not available.

Vapour density

Not available.

Relative density

0.763

Solubility(ies)

Solubility (water)

Not available.

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature

Not available.

Decomposition temperature

Not available.

Viscosity

Not available.

Other physical and chemical parameters

VOC

724 g/l
10. Stability and reactivity

Reactivity
The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability
Stable under normal temperature conditions. Risk of ignition.

Possibility of hazardous reactions
Hazardous polymerisation does not occur.

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

Incompatible materials
Strong oxidising agents. Strong acids.

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

11. Toxicological information

Information on possible routes of exposure

**Inhalation**
Vapours may cause drowsiness and dizziness.

**Skin contact**
Causes skin irritation.

**Eye contact**
May cause eye irritation on direct contact.

**Ingestion**
Ingestion may cause irritation and malaise.

Symptoms related to exposure
Skin irritation. Irritation of nose and throat. Irritating to mucous membranes.

**Acute toxicity**
May cause discomfort if swallowed.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Acute</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>Rabbit</td>
<td>&gt; 2000 mg/kg</td>
</tr>
<tr>
<td>Inhalation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC50</td>
<td>Rat</td>
<td>&gt; 4.96 mg/l, 4 Hours</td>
</tr>
<tr>
<td>Oral</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 5000 mg/kg</td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td>Causes skin irritation.</td>
<td></td>
</tr>
<tr>
<td><strong>Serious eye damage/irritation</strong></td>
<td>May cause eye irritation.</td>
<td></td>
</tr>
<tr>
<td><strong>Respiratory or skin sensitisation</strong></td>
<td>Not classified.</td>
<td></td>
</tr>
<tr>
<td>Respiratory sensitisation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin sensitisation</td>
<td>Not a skin sensitiser.</td>
<td></td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td>Not classified.</td>
<td></td>
</tr>
<tr>
<td><strong>Carcinogenicity</strong></td>
<td>Not classified.</td>
<td></td>
</tr>
<tr>
<td><strong>Reproductive toxicity</strong></td>
<td>Not classified.</td>
<td></td>
</tr>
<tr>
<td><strong>Specific target organ toxicity - single exposure</strong></td>
<td>May cause drowsiness or dizziness.</td>
<td></td>
</tr>
<tr>
<td><strong>Specific target organ toxicity - repeated exposure</strong></td>
<td>Not classified.</td>
<td></td>
</tr>
<tr>
<td><strong>Aspiration hazard</strong></td>
<td>May be fatal if swallowed and enters airways.</td>
<td></td>
</tr>
<tr>
<td><strong>Other information</strong></td>
<td>Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain.</td>
<td></td>
</tr>
</tbody>
</table>

12. Ecological information

**Ecotoxicity**
Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Components</th>
<th>Species</th>
<th>Test results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Aquatic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Algae</td>
<td>IC50</td>
<td>Algae</td>
</tr>
<tr>
<td>Crustacea</td>
<td>EC50</td>
<td>Daphnia</td>
</tr>
</tbody>
</table>
Components | Species | Test results
--- | --- | ---
Fish | LC50 | Fish | 10 mg/l, 96 hours

Persistence and degradability
No data is available on the degradability of this product.

Bioaccumulative potential
No data available for this product.

Mobility in soil
Not available.

Mobility in general
The product is insoluble in water.

Other adverse effects
No data available.

13. Disposal considerations

Disposal methods
Dispose of this material and its container to hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.

Residual waste
Dispose of in accordance with local regulations.

Contaminated packaging
Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

ADG
- UN number: 3295
- UN proper shipping name: Hydrocarbons, liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)
- Transport hazard class(es):
  - Class: 3
  - Subsidiary risk: -
  - Packing group: III
  - Environmental hazards: Yes
  - Hazchem Code: 3Y
- Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

RID
- UN number: 3295
- UN proper shipping name: Hydrocarbons, liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)
- Transport hazard class(es):
  - Class: 3
  - Subsidiary risk: -
  - Label(s): 3
  - Packing group: III
  - Environmental hazards: Yes
- Special precautions for user: Read safety instructions, SDS and emergency procedures before handling.

IATA
- UN number: 3295
- UN proper shipping name: Hydrocarbons, liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)
- 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: 3295
- UN proper shipping name: HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy)
- Transport hazard class(es):
  - Class: 3
  - Subsidiary risk: -
  - Label(s): 3
  - Packing group: III
  - Environmental hazards: Yes
  - Marine pollutant: Yes

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Read safety instructions, SDS and emergency procedures before handling.

Special precautions for user: Not available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: IATA classification is not relevant as the material is not transported by air.

15. Regulatory information

Safety, health and environmental regulations

National regulations: This Material Safety Data Sheet was prepared in accordance with the Australia National Code of Practice for the Preparation of Material Safety Data Sheets (NOHSC: 2011.)

Australia Medicines & Poisons Appendix E
HYDROCARBONS, LIQUID (CAS 64742-48-9)

Australia Medicines & Poisons Schedule 5
HYDROCARBONS, LIQUID, INCLUDING KEROSENE, DIESEL (DISTILLATE), MINERAL TURPENTINE, WHITE PETROLEUM SPIRIT, TOLUENE, XYLENE AND LIGHT MINERAL AND PARAFFIN OILS (BUT EXCLUDING THEIR DERIVATIVES) (CAS 64742-48-9)

High Volume Industrial Chemicals (HVIC)
Naphtha (petroleum), hydrotreated heavy (CAS 64742-48-9) 1000 - 9999 TONNES See the regulation for additional information.

Importation of Ozone Deleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10) Not listed.

National Pollutant Inventory (NPI) substance reporting list Not listed.

Prohibited Carcinogenic Substances Not regulated.


Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9) Not listed.

Restricted Carcinogenic Substances Not regulated.

International regulations

Stockholm Convention Not applicable.

Rotterdam Convention Not applicable.

Kyoto protocol Not applicable.

Montreal Protocol Not applicable.

Basel Convention Not applicable.

International Inventories

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Australian Inventory of Chemical Substances (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</td>
</tr>
<tr>
<td>China</td>
<td>Inventory of Existing Chemical Substances in China (IECSC)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe</td>
<td>European Inventory of Existing Commercial Chemical Substances (EINECS)</td>
<td>No</td>
</tr>
<tr>
<td>Europe</td>
<td>European List of Notified Chemical Substances (ELINCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Japan</td>
<td>Inventory of Existing and New Chemical Substances (ENCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea</td>
<td>Existing Chemicals List (ECL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Country(s) or region</td>
<td>Inventory name</td>
<td>On inventory (yes/no)*</td>
</tr>
<tr>
<td>---------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>New Zealand</td>
<td>New Zealand Inventory</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines</td>
<td>Philippine Inventory of Chemicals and Chemical Substances (PICCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

Issue date                      | 10-October-2016  |
Revision date                   | -               |
References                      | HSDB® - Hazardous Substances Data Bank  
                                | Registry of Toxic Effects of Chemical Substances (RTECS) |
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