SPECTRALOCK® Translucent Grout Part C
24-1200-0000-2C

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier: SPECTRALOCK® Translucent Grout Part C
24-1200-0000-2C
Glass, oxide, chemicals
CAS: 65997-17-3
EC: 266-046-0
Index: Non-applicable
REACH: 01-2119488048-29-XXXX

1.2 Relevant identified uses of the substance or mixture and uses advised against:
Relevant uses: Miscellaneous. For professional user only.
Uses advised against: All uses not specified in this section or in section 7.3

1.3 Details of the supplier of the safety data sheet:
LATICRETE EUROPE SRL
VIA BORGOGNA 8
20122 MILANO - ITALY
Phone.: 059557680
info@laticreteurope.com
https://eu.laticrete.com/

1.4 Emergency telephone number: Company number (08:00 - 18:00 CET): (+39) 059 557680 - European emergency number: 112

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:
CLP Regulation (EC) No 1272/2008:
The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

2.2 Label elements:
CLP Regulation (EC) No 1272/2008:
None

2.3 Other hazards:
Product fails to meet PBT/vPvB criteria

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance:
Chemical description: Inorganic substance
Components:
In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

<table>
<thead>
<tr>
<th>Identification</th>
<th>Chemical name/Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS: 65997-17-3</td>
<td>Glass, oxide, chemicals</td>
<td>Not classified</td>
</tr>
<tr>
<td>EC: 266-046-0</td>
<td>Regulation 1272/2008</td>
<td>100 %</td>
</tr>
</tbody>
</table>

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

3.2 Mixture:
Non-applicable

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures:
Consult a doctor in case of discomfort showing the SDS for the product.

By inhalation:
SECTION 4: FIRST AID MEASURES (continued)

In case of symptoms, move the person affected into fresh air.

By skin contact:
In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,…), seek medical advice with this Safety data Sheet

By eye contact:
Rinse with water until the product has been eliminated. In case of problems, consult a doctor showing the SDS for the product.

By ingestion/aspiration:
In case of consumption in large quantities, it is recommended to seek medical assistance.

4.2 Most important symptoms and effects, both acute and delayed:
Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:
Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:
Product is non-flammable, with a low risk of fire due to the flammability characteristics of the product in normal conditions of storage, handling and use. In the case of the existence of sustained combustion as a result of improper handling, storage or use any type of extinguishing agent can be used (ABC Powder, water,…)

5.2 Special hazards arising from the substance or mixture:
Due to its inflammable nature, the product does not present a fire risk under normal conditions of storage, handling and use.

5.3 Advice for firefighters:
Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,…) in accordance with Directive 89/654/EC.

Additional provisions:
Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
Isolate leaks provided that there is no additional risk for the people performing this task.

6.2 Environmental precautions:
This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up:
It is recommended:
Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

6.4 Reference to other sections:
See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:
A.- Precautions for safe manipulation
Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions
It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

- CONTINUED ON NEXT PAGE -
SECTION 7: HANDLING AND STORAGE (continued)

- Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D. - Technical recommendations to prevent environmental risks
   It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2

7.2 Conditions for safe storage, including any incompatibilities:

A. - Technical measures for storage
   Maximum time: 12 Months

B. - General conditions for storage
   Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):
   Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:
Substances whose occupational exposure limits have to be monitored in the workplace
Nuisance dust: Inhalable dust 10 mg/m3 // Respirable dust 4 mg/m3
DNEL (Workers):
Non-applicable
DNEL (General population):
Non-applicable
PNEC:
Non-applicable

8.2 Exposure controls:
A. - General security and hygiene measures in the workplace
   As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.
   All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B. - Respiratory protection
   The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C. - Specific protection for the hands
   Non-applicable

D. - Ocular and facial protection
   Non-applicable

E. - Body protection
   Non-applicable

F. - Additional emergency measures
   It is not necessary to take additional emergency measures.

Environmental exposure controls:
In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:
Appearance:
*Not relevant due to the nature of the product, not providing information property of its hazards.
**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state at 20 °C:</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance:</td>
<td>Granulated</td>
</tr>
<tr>
<td>Colour:</td>
<td>White</td>
</tr>
<tr>
<td>Odour:</td>
<td>Not available</td>
</tr>
<tr>
<td>Odour threshold:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td><strong>Volatile:</strong></td>
<td></td>
</tr>
<tr>
<td>Boiling point at atmospheric pressure:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Vapour pressure at 20 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Vapour pressure at 50 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Evaporation rate at 20 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td><strong>Product description:</strong></td>
<td></td>
</tr>
<tr>
<td>Density at 20 °C:</td>
<td>2620 kg/m³</td>
</tr>
<tr>
<td>Relative density at 20 °C:</td>
<td>2,62</td>
</tr>
<tr>
<td>Dynamic viscosity at 20 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Kinematic viscosity at 20 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Kinematic viscosity at 40 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Concentration:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>pH:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Vapour density at 20 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water 20 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Solubility in water at 20 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Solubility properties:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Melting point/freezing point:</td>
<td>800 °C</td>
</tr>
<tr>
<td><strong>Explosive properties:</strong></td>
<td></td>
</tr>
<tr>
<td>Explosive properties:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Oxidising properties:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td><strong>Flammability:</strong></td>
<td></td>
</tr>
<tr>
<td>Flash Point:</td>
<td>Non-applicable</td>
</tr>
<tr>
<td>Flammability (solid, gas):</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Autoignition temperature:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Lower flammability limit:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Upper flammability limit:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td><strong>Explosive:</strong></td>
<td></td>
</tr>
<tr>
<td>Lower explosive limit:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Upper explosive limit:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td><strong>Other information:</strong></td>
<td></td>
</tr>
<tr>
<td>Surface tension at 20 °C:</td>
<td>Non-applicable *</td>
</tr>
<tr>
<td>Refraction index:</td>
<td>Non-applicable *</td>
</tr>
</tbody>
</table>

*Not relevant due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY**

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.
SECTION 10: STABILITY AND REACTIVITY (continued)

10.3 Possibility of hazardous reactions:
Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:
Applicable for handling and storage at room temperature:

<table>
<thead>
<tr>
<th>Shock and friction</th>
<th>Contact with air</th>
<th>Increase in temperature</th>
<th>Sunlight</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

10.5 Incompatible materials:

<table>
<thead>
<tr>
<th>Acids</th>
<th>Water</th>
<th>Oxidising materials</th>
<th>Combustible materials</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avoid strong acids</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Avoid alkalis or strong bases</td>
</tr>
</tbody>
</table>

10.6 Hazardous decomposition products:
See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:
LD50 oral > 2000 mg/kg (rat)

Dangerous health implications:
In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:
A- Ingestion (acute effect):
   - Acute toxicity: Based on available data, the classification criteria are not met
   - Corrosivity/Irritability: Based on available data, the classification criteria are not met
B- Inhalation (acute effect):
   - Acute toxicity: Based on available data, the classification criteria are not met
   - Corrosivity/Irritability: Based on available data, the classification criteria are not met
C- Contact with the skin and the eyes (acute effect):
   - Contact with the skin: Based on available data, the classification criteria are not met
   - Contact with the eyes: Based on available data, the classification criteria are not met
D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
   - Carcinogenicity: Based on available data, the classification criteria are not met
     IARC: Non-applicable
   - Mutagenicity: Based on available data, the classification criteria are not met
   - Reproductive toxicity: Based on available data, the classification criteria are not met
E- Sensitizing effects:
   - Respiratory: Based on available data, the classification criteria are not met
   - Cutaneous: Based on available data, the classification criteria are not met
F- Specific target organ toxicity (STOT) - single exposure:
   Based on available data, the classification criteria are not met
G- Specific target organ toxicity (STOT)-repeated exposure:
   - Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met
   - Skin: Based on available data, the classification criteria are not met
H- Aspiration hazard:
   Based on available data, the classification criteria are not met

Other information:
Non-applicable

Specific toxicology information on the substances:
Not available
SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:
Not available

12.2 Persistence and degradability:
Not available

12.3 Bioaccumulative potential:
Not available

12.4 Mobility in soil:
Not available

12.5 Results of PBT and vPvB assessment:
Product fails to meet PBT/vPvB criteria

12.6 Other adverse effects:
Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Waste class (Regulation (EU) No 1357/2014)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 03 04</td>
<td>inorganic wastes other than those mentioned in 16 03 03</td>
<td>Non dangerous</td>
</tr>
</tbody>
</table>

Type of waste (Regulation (EU) No 1357/2014):
Non-applicable

Waste management (disposal and evaluation):
Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Non-applicable
Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable
Regulation (EC) No 1005/2009, about substances that deplete the ozone layer: Non-applicable
Article 95, REGULATION (EU) No 528/2012: Non-applicable
REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable
Seveso III:
Non-applicable
Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....): Non-applicable
Specific provisions in terms of protecting people or the environment:
SECTION 15: REGULATORY INFORMATION (continued)

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:
The product could be affected by sectorial legislation

15.2 Chemical safety assessment:
The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:
This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (Regulation (EC) No 2015/830)

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:
Non-applicable

Texts of the legislative phrases mentioned in section 3:
The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) No 1272/2008:
Non-applicable

Advice related to training:
Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:
http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:
ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol-water partition coefficient
Koc: Partition coefficient of organic carbon