



**SPECTRALOCK® Translucent Grout Part B**  
**24-1200-0000-2B**



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

- 1.1 Product identifier:** SPECTRALOCK® Translucent Grout Part B  
24-1200-0000-2B
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses: Hardener for adhesives. 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:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
Acute Tox. 4: Acute toxicity, Category 4, H312+H332  
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard, Category 2, H411  
Eye Irrit. 2: Eye irritation, Category 2, H319  
Skin Irrit. 2: Skin irritation, Category 2, H315  
Skin Sens. 1: Sensitisation, skin, Category 1, H317
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Warning**  
  
**Hazard statements:**  
Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled  
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects  
Eye Irrit. 2: H319 - Causes serious eye irritation  
Skin Irrit. 2: H315 - Causes skin irritation  
Skin Sens. 1: H317 - May cause an allergic skin reaction  
**Precautionary statements:**  
P271: Use only outdoors or in a well-ventilated area  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P302+P352: IF ON SKIN: Wash with plenty of water  
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P501: Dispose of contents/container in accordance with regulations on hazardous waste or packaging and packaging waste respectively  
**Supplementary information:**  
EUH205: Contains epoxy constituents. May produce an allergic reaction  
**Substances that contribute to the classification**  
Diglycidyl bisphenol A resin; Bisphenol-F-epichlorohydrine/epoxy resins; Oxirane, mono[(C12-14-alkyloxy)methyl] derivs; 1,4-bis(2,3 epoxypropoxy)butane
- 2.3 Other hazards:**  
Product fails to meet PBT/vPvB criteria

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

- 3.1 Substance:**  
Non-applicable

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)**

**3.2 Mixture:**

**Chemical description:** Solution composed of amines

**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification  | Chemical name/Classification  | Concentration   |
|---|---|-----------------|
| CAS: 25085-99-8<br>EC: Non-applicable<br>Index: Non-applicable<br>REACH: Non-applicable       | <b>Diglycidyl bisphenol A resin</b> <sup>(1)</sup>  | Self-classified |
|   | Regulation 1272/2008 Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning |                 |
| CAS: 9003-36-5<br>EC: Non-applicable<br>Index: Non-applicable<br>REACH: 01-2119454392-40-XXXX | <b>Bisphenol-F-epichlorohydrine/epoxy resins</b> <sup>(1)</sup>   | Self-classified |
|   | Regulation 1272/2008 Aquatic Chronic 2: H411; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning                     |                 |
| CAS: 68609-97-2<br>EC: 271-846-8<br>Index: 603-103-00-4<br>REACH: 01-2119485289-22-XXXX       | <b>Oxirane, mono[(C12-14-alkyloxy)methyl] derivs</b> <sup>(1)</sup>   | ATP CLP00       |
|   | Regulation 1272/2008 Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning  |                 |
| CAS: 2425-79-8<br>EC: 219-371-7<br>Index: 603-072-00-7<br>REACH: 01-2119494060-45-XXXX        | <b>1,4-bis(2,3 epoxypropoxy)butane</b> <sup>(1)</sup>   | ATP CLP00       |
|   | Regulation 1272/2008 Acute Tox. 4: H312+H332; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Warning |                 |
| CAS: 57834-33-0<br>EC: 260-976-0<br>Index: Non-applicable<br>REACH: 01-2120759525-46-XXXX     | <b>Ethyl 4-[[[(methylphenylamino)methylene]amino]benzoate]</b> <sup>(1)</sup>                                       | Self-classified |
|   | Regulation 1272/2008 Aquatic Chronic 2: H411; STOT RE 2: H373 - Warning   |                 |

<sup>(1)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830

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

**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

**By skin contact:**

Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

**By eye contact:**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

**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 under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use full jet water as an extinguishing agent.

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**SECTION 5: FIREFIGHTING MEASURES (continued)**

**5.2 Special hazards arising from the substance or mixture:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**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. Personal protection equipment must be used against potential contact with the spill product (See section 8). Evacuate the area and keep out those who do not have protection.

**6.2 Environmental precautions:**

Avoid at all cost any type of spillage into an aqueous medium. Contain the product absorbed appropriately in hermetically sealed containers. Notify the relevant authority in case of exposure to the general public or the environment.

**6.3 Methods and material for containment and cleaning up:**

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

**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

Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

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

D.- Technical recommendations to prevent environmental risks

Due to the danger of this product for the environment it is recommended to use it within an area containing contamination control barriers in case of spillage, as well as having absorbent material in close proximity.

**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

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

There are no occupational exposure limits for the substances contained in the product

**DNEL (Workers):**

| Identification  |            | Short exposure       |                       | Long exposure           |                        |
|---|------------|----------------------|-----------------------|-------------------------|------------------------|
|   |            | Systemic             | Local                 | Systemic                | Local                  |
| Bisphenol-F-epichlorohydrine/epoxy resins<br>CAS: 9003-36-5<br>EC: Non-applicable | Oral       | Non-applicable       | Non-applicable        | Non-applicable          | Non-applicable         |
|   | Dermal     | Non-applicable       | Non-applicable        | 104,15 mg/kg            | Non-applicable         |
|   | Inhalation | Non-applicable       | Non-applicable        | 29,39 mg/m <sup>3</sup> | Non-applicable         |
| Oxirane, mono[(C12-14-alkyloxy)methyl] derivs<br>CAS: 68609-97-2<br>EC: 271-846-8 | Oral       | Non-applicable       | Non-applicable        | Non-applicable          | Non-applicable         |
|   | Dermal     | 17 mg/kg             | Non-applicable        | 3,9 mg/kg               | Non-applicable         |
|   | Inhalation | 29 mg/m <sup>3</sup> | 9,8 mg/m <sup>3</sup> | 13,8 mg/m <sup>3</sup>  | 0,98 mg/m <sup>3</sup> |
| 1,4-bis(2,3 epoxypropoxy)butane<br>CAS: 2425-79-8<br>EC: 219-371-7                | Oral       | Non-applicable       | Non-applicable        | Non-applicable          | Non-applicable         |
|   | Dermal     | Non-applicable       | Non-applicable        | 9,26 mg/kg              | Non-applicable         |
|   | Inhalation | Non-applicable       | Non-applicable        | 1,63 mg/m <sup>3</sup>  | Non-applicable         |

**DNEL (General population):**

| Identification  |            | Short exposure        |                       | Long exposure          |                        |
|---|------------|-----------------------|-----------------------|------------------------|------------------------|
|   |            | Systemic              | Local                 | Systemic               | Local                  |
| Bisphenol-F-epichlorohydrine/epoxy resins<br>CAS: 9003-36-5<br>EC: Non-applicable | Oral       | Non-applicable        | Non-applicable        | 6,25 mg/kg             | Non-applicable         |
|   | Dermal     | Non-applicable        | Non-applicable        | 62,5 mg/kg             | Non-applicable         |
|   | Inhalation | Non-applicable        | Non-applicable        | 8,7 mg/m <sup>3</sup>  | Non-applicable         |
| Oxirane, mono[(C12-14-alkyloxy)methyl] derivs<br>CAS: 68609-97-2<br>EC: 271-846-8 | Oral       | 1219 mg/kg            | Non-applicable        | 1 mg/kg                | Non-applicable         |
|   | Dermal     | 10 mg/kg              | Non-applicable        | 2,35 mg/kg             | Non-applicable         |
|   | Inhalation | 7,6 mg/m <sup>3</sup> | 2,9 mg/m <sup>3</sup> | 4,1 mg/m <sup>3</sup>  | 1,46 mg/m <sup>3</sup> |
| 1,4-bis(2,3 epoxypropoxy)butane<br>CAS: 2425-79-8<br>EC: 219-371-7                | Oral       | Non-applicable        | Non-applicable        | 0,56 mg/kg             | Non-applicable         |
|   | Dermal     | Non-applicable        | Non-applicable        | 5,56 mg/kg             | Non-applicable         |
|   | Inhalation | Non-applicable        | Non-applicable        | 0,48 mg/m <sup>3</sup> | Non-applicable         |

**PNEC:**

| Identification  |              |                |                         |              |
|---|--------------|----------------|-------------------------|--------------|
| Bisphenol-F-epichlorohydrine/epoxy resins<br>CAS: 9003-36-5<br>EC: Non-applicable | STP          | 10 mg/L        | Fresh water             | 0,003 mg/L   |
|   | Soil         | 0,237 mg/kg    | Marine water            | 0,0003 mg/L  |
|   | Intermittent | 0,0254 mg/L    | Sediment (Fresh water)  | 0,294 mg/kg  |
|   | Oral         | Non-applicable | Sediment (Marine water) | 0,0294 mg/kg |
| Oxirane, mono[(C12-14-alkyloxy)methyl] derivs<br>CAS: 68609-97-2<br>EC: 271-846-8 | STP          | 10 mg/L        | Fresh water             | 0,0072 mg/L  |
|   | Soil         | 80,12 mg/kg    | Marine water            | 0,00072 mg/L |
|   | Intermittent | 0,072 mg/L     | Sediment (Fresh water)  | 66,77 mg/kg  |
|   | Oral         | Non-applicable | Sediment (Marine water) | 6,677 mg/kg  |
| 1,4-bis(2,3 epoxypropoxy)butane<br>CAS: 2425-79-8<br>EC: 219-371-7                | STP          | 100 mg/L       | Fresh water             | 0,024 mg/L   |
|   | Soil         | 0,0027 mg/kg   | Marine water            | 0,0024 mg/L  |
|   | Intermittent | 0,24 mg/L      | Sediment (Fresh water)  | 0,084 mg/kg  |
|   | Oral         | 0,028 g/kg     | Sediment (Marine water) | 0,0084 mg/kg |

**8.2 Exposure controls:**

**A.- General security and hygiene measures in the work place**

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**

| Pictogram | PPE                               | Labelling | CEN Standard        | Remarks  |
|-----------|-----------------------------------|-----------|---------------------|--|
|           | Filter mask for gases and vapours |           | EN 405:2001+A1:2009 | Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. |

**C.- Specific protection for the hands**

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

| Pictogram                     | PPE                                       | Labelling   | CEN Standard  | Remarks  |
|-------------------------------|---|-------------|---|--|
| <br>Mandatory hand protection | NON-disposable chemical protective gloves | <br>CAT III | EN ISO 374-1:2016<br>EN 16523-1:2015<br>EN 420:2003+A1:2009 | The Breakthrough Time indicated by the manufacturer must exceed the period during which the product is being used. Do not use protective creams after the product has come into contact with skin. |

"As the product is a mixture of several substances, the resistance of the glove material can not be predicted in advance with total reliability and has therefore to be checked prior to the application"

D.- Ocular and facial protection

| Pictogram                     | PPE         | Labelling  | CEN Standard  | Remarks   |
|-------------------------------|-------------|------------|---|---|
| <br>Mandatory face protection | Face shield | <br>CAT II | EN 166:2001<br>EN 167:2001<br>EN 168:2001<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

E.- Body protection

| Pictogram                              | PPE   | Labelling   | CEN Standard   | Remarks   |
|--|---|-------------|--|---|
| <br>Mandatory complete body protection | Disposable clothing for protection against chemical risks | <br>CAT III | EN 13034:2005+A1:2009<br>EN 168:2001<br>EN ISO 13982-1:2004/A1:2010<br>EN ISO 6529:2013<br>EN ISO 6530:2005<br>EN 464:1994 | For professional use only. Clean periodically according to the manufacturer's instructions. |
| <br>Mandatory foot protection          | Safety footwear for protection against chemical risk      | <br>CAT III | EN ISO 20345:2011<br>EN 13832-1:2019   | Replace boots at any sign of deterioration.   |

F.- Additional emergency measures

| Emergency measure    | Standards                                       | Emergency measure    | Standards                                      |
|----------------------|---|----------------------|--|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

**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:**

Physical state at 20 °C: Liquid  
Appearance: Characteristic  
Colour: Colourless  
Odour: Odourless  
Odour threshold: Non-applicable \*

**Volatility:**

Boiling point at atmospheric pressure: 294 °C  
Vapour pressure at 20 °C: 6,118E-2 Pa  
Vapour pressure at 50 °C: 1,44 Pa (0 kPa)  
Evaporation rate at 20 °C: Non-applicable \*

**Product description:**

Density at 20 °C: 1051,1 kg/m<sup>3</sup>

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

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

|  |                        |
|--|------------------------|
| Relative density at 20 °C:                   | 1,051                  |
| Dynamic viscosity at 20 °C:                  | 792 cP                 |
| Kinematic viscosity at 20 °C:                | Non-applicable *       |
| Kinematic viscosity at 40 °C:                | Non-applicable *       |
| Concentration:                               | Non-applicable *       |
| pH:  | Non-applicable *       |
| Vapour density at 20 °C:                     | Non-applicable *       |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable *       |
| Solubility in water at 20 °C:                | Non-applicable *       |
| Solubility properties:                       | Non-applicable *       |
| Decomposition temperature:                   | Non-applicable *       |
| Melting point/freezing point:                | Non-applicable *       |
| Explosive properties:                        | Non-applicable *       |
| Oxidising properties:                        | Non-applicable *       |
| <b>Flammability:</b>                         |                        |
| Flash Point:                                 | Non Flammable (>60 °C) |
| Flammability (solid, gas):                   | Non-applicable *       |
| Autoignition temperature:                    | 260 °C                 |
| Lower flammability limit:                    | Non-applicable *       |
| Upper flammability limit:                    | Non-applicable *       |
| <b>Explosive:</b>                            |                        |
| Lower explosive limit:                       | Non-applicable *       |
| Upper explosive limit:                       | Non-applicable *       |
| <b>9.2 Other information:</b>                |                        |
| Surface tension at 20 °C:                    | Non-applicable *       |
| Refraction index:                            | Non-applicable *       |

\*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.
- 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:

| Shock and friction | Contact with air | Increase in temperature | Sunlight       | Humidity       |
|--------------------|------------------|-------------------------|----------------|----------------|
| Not applicable     | Not applicable   | Not applicable          | Not applicable | Not applicable |

**10.5 Incompatible materials:**

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Not applicable      | Not applicable        | Avoid alkalis or strong bases |

- 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 (CO<sub>2</sub>), carbon monoxide and other organic compounds.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

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

**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, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

**B- Inhalation (acute effect):**

- Acute toxicity : Exposure in high concentration can interfere with the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**C- Contact with the skin and the eyes (acute effect):**

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces eye damage after contact.

**D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):**

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.  
IARC: Non-applicable
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**E- Sensitizing effects:**

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

**F- Specific target organ toxicity (STOT) - single exposure:**

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**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. However, it does contain substances which are classified as dangerous due to repetitive exposure. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**H- Aspiration hazard:**

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

**Other information:**

Non-applicable

**Specific toxicology information on the substances:**

| Identification                  | Acute toxicity  |                      | Genus |
|---------------------------------|-----------------|----------------------|-------|
|                                 | LD50 oral       | LD50 dermal          |       |
| 1,4-bis(2,3 epoxypropoxy)butane | 3609 mg/kg      | 1100 mg/kg (ATEi)    | Rat   |
| CAS: 2425-79-8                  |                 |                      |       |
| EC: 219-371-7                   | LC50 inhalation | 11 mg/L (4 h) (ATEi) |       |

**SECTION 12: ECOLOGICAL INFORMATION**

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

**12.1 Toxicity:**

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**SECTION 12: ECOLOGICAL INFORMATION (continued)**

| Identification   | Acute toxicity |                    | Species                         | Genus      |
|--|----------------|--------------------|---------------------------------|------------|
| Diglycidyl bisphenol A resin<br>CAS: 25085-99-8<br>EC: Non-applicable                      | LC50           | 1 - 10 mg/L (96 h) |                                 | Fish       |
|  | EC50           | 1 - 10 mg/L        |                                 | Crustacean |
|  | EC50           | 1 - 10 mg/L        |                                 | Algae      |
| Bisphenol-F-epichlorohydrine/epoxy resins<br>CAS: 9003-36-5<br>EC: Non-applicable          | LC50           | 1 - 10 mg/L (96 h) |                                 | Fish       |
|  | EC50           | 1 - 10 mg/L        |                                 | Crustacean |
|  | EC50           | 1 - 10 mg/L        |                                 | Algae      |
| Ethyl 4-[[[(methylphenylamino)methylene]amino]benzoate<br>CAS: 57834-33-0<br>EC: 260-976-0 | LC50           | 1.4 mg/L (96 h)    | Oncorhynchus mykiss             | Fish       |
|  | EC50           | 2.7 mg/L (48 h)    | Daphnia magna                   | Crustacean |
|  | EC50           | 29.09 mg/L (72 h)  | Pseudokirchneriella subcapitata | Algae      |

**12.2 Persistence and degradability:**

| Identification   | Degradability |                | Biodegradability |            |
|--|---------------|----------------|------------------|------------|
| Ethyl 4-[[[(methylphenylamino)methylene]amino]benzoate<br>CAS: 57834-33-0<br>EC: 260-976-0 | BOD5          | Non-applicable | Concentration    | 12.05 mg/L |
|  | COD           | Non-applicable | Period           | 28 days    |
|  | BOD5/COD      | Non-applicable | % Biodegradable  | 51,74 %    |

**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:**

| Code     | Description   | Waste class (Regulation (EU) No 1357/2014) |
|----------|---|--|
| 08 04 10 | waste adhesives and sealants other than those mentioned in 08 04 09 | Dangerous                                  |

**Type of waste (Regulation (EU) No 1357/2014):**

HP14 Ecotoxic, HP13 Sensitising, HP4 Irritant — skin irritation and eye damage

**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:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION**

**Transport of dangerous goods by land:**

With regard to ADR 2019 and RID 2019:

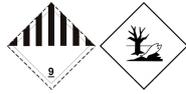
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**SPECTRALOCK® Translucent Grout Part B**  
**24-1200-0000-2B**



**SECTION 14: TRANSPORT INFORMATION (continued)**



- 14.1 UN number:** UN3082  
**14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diglycidyl bisphenol A resin)  
**14.3 Transport hazard class(es):** 9  
Labels: 9  
**14.4 Packing group:** III  
**14.5 Environmental hazards:** Yes  
**14.6 Special precautions for user**  
Special regulations: 274, 335, 375, 601  
Tunnel restriction code: Non-applicable  
Physico-Chemical properties: see section 9  
Limited quantities: 5 L  
**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**Transport of dangerous goods by sea:**

With regard to IMDG 39-18:



- 14.1 UN number:** UN3082  
**14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diglycidyl bisphenol A resin)  
**14.3 Transport hazard class(es):** 9  
Labels: 9  
**14.4 Packing group:** III  
**14.5 Environmental hazards:** Yes  
**14.6 Special precautions for user**  
Special regulations: 335, 969, 274  
EmS Codes: F-A, S-F  
Physico-Chemical properties: see section 9  
Limited quantities: 5 L  
Segregation group: Non-applicable  
**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**Transport of dangerous goods by air:**

With regard to IATA/ICAO 2020:



- 14.1 UN number:** UN3082  
**14.2 UN proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Diglycidyl bisphenol A resin)  
**14.3 Transport hazard class(es):** 9  
Labels: 9  
**14.4 Packing group:** III  
**14.5 Environmental hazards:** Yes  
**14.6 Special precautions for user**  
Physico-Chemical properties: see section 9  
**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:** Non-applicable

**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:**

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**SECTION 15: REGULATORY INFORMATION (continued)**

| Section | Description | Lower-tier requirements | Upper-tier requirements |
|---------|-------------|-------------------------|-------------------------|
| E2      |             | 200                     | 500                     |

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ...):**

Shall not be used in:

- ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
- tricks and jokes,
- games for one or more participants, or any article intended to be used as such, even with ornamental aspects.

**Specific provisions in terms of protecting people or the environment:**

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 2:**

- H315: Causes skin irritation
- H317: May cause an allergic skin reaction
- H411: Toxic to aquatic life with long lasting effects
- H312+H332: Harmful in contact with skin or if inhaled
- H319: Causes serious eye irritation

**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:**

- Acute Tox. 4: H312+H332 - Harmful in contact with skin or if inhaled
- Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects
- Eye Irrit. 2: H319 - Causes serious eye irritation
- Skin Irrit. 2: H315 - Causes skin irritation
- Skin Sens. 1: H317 - May cause an allergic skin reaction
- STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure

**Classification procedure:**

- Skin Irrit. 2: Calculation method
- Skin Sens. 1: Calculation method
- Aquatic Chronic 2: Calculation method
- Acute Tox. 4: Calculation method
- Eye Irrit. 2: Calculation method

**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:**

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Safety data sheet  
According to 1907/2006/EC (REACH), 2015/830/EU

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**SECTION 16: OTHER INFORMATION (continued)**

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

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -