SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Trade name or designation of the mixture
SPECTRALOCK® DAZZLE™
Registration number
- 
Synonyms
None.
Issue date
27-October-2015
Version number
01
Revision date
-
Supersedes date
-

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses
Grout.
Uses advised against
None known.

1.3. Details of the supplier of the safety data sheet
Company name
LATICRETE EUROPE SRL
Address
Via Viazza, 1°Tronco,19 -41043 Formigine (MO) -ITALY
Telephone
+39 059 557680
Contact person
M.Bertani
E-mail
info@laticreteurope.com
Website
www.laticrete.eu

1.4. Emergency telephone number
Centro Antiveleni Policlinico A. Gemelli – ROMA – Tel +39 06 3054343

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended
This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary
Under normal conditions of processing and use, exposure to the chemical constituents in this product is unlikely. Used as intended, this product is not expected to generate potentially hazardous quantities of dust or fumes.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms
None.
Signal word
None.
Hazard statements
The mixture does not meet the criteria for classification.

Precautionary statements
Prevention
Observe good industrial hygiene practices.
Response
No specific first aid measures noted.
Storage
Store away from incompatible materials.
Disposal
Dispose of waste and residues in accordance with local authority requirements.

Supplemental label information
None.

2.3. Other hazards
Not a PBT or vPvB substance or mixture. Not classified.
SECTION 3: Composition/information on ingredients

3.2. Mixtures
The components are not hazardous or are below required disclosure limits.

SECTION 4: First aid measures

General information
Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of first aid measures
- **Inhalation**: Move to fresh air. Call a physician if symptoms develop or persist.
- **Skin contact**: Wash off with soap and water. Get medical attention if irritation develops and persists.
- **Eye contact**: Rinse with water. Get medical attention if irritation develops and persists.
- **Ingestion**: Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed
Coughing. Dust may irritate the eyes and the respiratory system.

4.3. Indication of any immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards
No unusual fire or explosion hazards noted.

5.1. Extinguishing media
- **Suitable extinguishing media**: Use fire-extinguishing media appropriate for surrounding materials.
- **Unsuitable extinguishing media**: None known.

5.2. Special hazards arising from the substance or mixture
During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters
Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
- **For non-emergency personnel**: Wear appropriate personal protective equipment. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
- **For emergency responders**: Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions
Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up
Sweep up or vacuum up spillage and collect in suitable container for disposal. Do not vacuum clean unless vacuum cleaners are equipped with HEPA filter. For waste disposal, see Section 13 of the SDS.

6.4. Reference to other sections
For personal protection, see section 8. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Keep formation of airborne dusts to a minimum. Do not breathe dust. Provide appropriate exhaust ventilation at places where dust is formed. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities
Store in a cool, dry place out of direct sunlight.

7.3. Specific end use(s)
Grout.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
- **Occupational exposure limits**: No exposure limits noted for ingredient(s).
- **Biological limit values**: No biological exposure limits noted for the ingredient(s).
Follow standard monitoring procedures.

Not available.

Not available.

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Wear safety glasses with side shields (or goggles).

Wear protective gloves.

Wear suitable protective clothing.

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Wear appropriate thermal protective clothing, when necessary.

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental manager must be informed of all major releases.

Appearance
- Solid.
- Powder.
- Colored.

Odour
- Not available.

Odour threshold
- Not available.

pH
- Not available.

Melting point/freezing point
- Not available.

Initial boiling point and boiling range
- Not applicable.

Flash point
- Not applicable.

Evaporation rate
- Not available.

Flammability (solid, gas)
- Non flammable.

Flammability limit - lower (%)
- Not available.

Flammability limit - upper (%)
- Not available.

Vapour pressure
- Not available.

Vapour density
- Not available.

Relative density
- Not available.

Solubility(ies)
- Insoluble in water.

Partition coefficient (n-octanol/water)
- Not available.

Auto-ignition temperature
- Not available.

Decomposition temperature
- Not available.

Viscosity
- Not available.

 Explosive properties
- Not available.

Oxidizing properties
- Not available.
SECTION 10: Stability and reactivity

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

10.2. Chemical stability
Material is stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid
Contact with incompatible materials.

10.5. Incompatible materials
Acid. Alkalies. Strong oxidising agents.

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

General information
Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure
- Inhalation: Dust may irritate respiratory system.
- Skin contact: May cause irritation through mechanical abrasion.
- Eye contact: Dust may irritate the eyes.
- Ingestion: May cause discomfort if swallowed.
- Symptoms: Coughing. Dust may irritate the eyes and the respiratory system.

11.1. Information on toxicological effects
- Acute toxicity: May cause discomfort if swallowed.
- Skin corrosion/irritation: May cause irritation through mechanical abrasion.
- Serious eye damage/eye irritation: Dust may irritate the eyes.
- Respiratory sensitisation: Based on available data, the classification criteria are not met.
- Skin sensitisation: Not a skin sensitiser.
- Germ cell mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
- Carcinogenicity: Not classified.
- Reproductive toxicity: Not available.
- Specific target organ toxicity - single exposure: No data available.
- Specific target organ toxicity - repeated exposure: No data available.
- Aspiration hazard: Due to the physical form of the product it is not an aspiration hazard.

Mixture versus substance information
- Not available.

Other information
Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

SECTION 12: Ecological information

12.1. Toxicity
Not expected to be harmful to aquatic organisms.

12.2. Persistence and degradability
The product contains inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential
The product is not expected to bioaccumulate.

Partition coefficient (n-octanol/water (log Kow))
Not available.

Bioconcentration factor (BCF)
Not available.

12.4. Mobility in soil
The product is not mobile in soil.

12.5. Results of PBT and vPvB assessment
Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Residual waste Dispose of in accordance with local regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

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

SECTION 14: Transport information

ADR Not regulated as dangerous goods.

RID Not regulated as dangerous goods.

ADN Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

14.7. Transport in bulk Not applicable. according to Annex II of Marpol and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended Not listed.
- Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Authorisations

Restrictions on use
- Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended Not listed.
- Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended Not listed.

Other EU regulations
- Directive 2012/18/EU on major accident hazards involving dangerous substances Not listed.
- Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work Not listed.
**OTHER REGULATIONS**

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

**NATIONAL REGULATIONS**

Follow national regulation for work with chemical agents.

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

**List of abbreviations**

- DNEL: Derived No-Effect Level.
- PNEC: Predicted No-Effect Concentration.

**References**

- HSDB® - Hazardous Substances Data Bank
- Registry of Toxic Effects of Chemical Substances (RTECS)

**Information on evaluation method leading to the classification of mixture**

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

**Full text of any H-statements not written out in full under Sections 2 to 15**

None.

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

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