



SAFETY DATA SHEET

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

1.1 Product identifier

Trade name or designation of the mixture : **LEVELEX-ECO DESIGN**
Registration number : -
Synonyms : None
Issue date :
Version number : 01
Revision Date : -
Supersedes date : -

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended restrictions : Workers (and your customers or users in the case of resale) should be informed of the potential presence of respirable dust well as their potential hazards. Appropriate training in the proper use and handling of this material should be provided as required under applicable regulations.

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@laticreteeuropa.com
Web site: www.laticrete.eu

1.4 Emergency telephone no: Centro Antiveleni Policlinico A. Gemelli – ROMA – Tel +39 06 3054343

SECTION 2: Hazards identification.

2.1 Classification of the Substance or mixture:

Classification according to Regulation (EC) No 1272/2008 as amended
The Product is not classified and labeled according to the CLP-regulation.

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 as amended
: Void
Hazard pictograms : Void
Signal word : Void
Hazard Statements : Void

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P261	Avoid breathing dust.
P280	Wear protective gloves/protective clothing/eye protection/face protection

Special Provisions: None

Contents:

Mineral Binders

Special provisions according to Annex XVII of REACH and subsequent amendments: None

Prevention:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust/fume. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: If exposed or concerned: Get medical advice/attention. If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

Storage: Refer point 7.2

Disposal: Dispose of waste and residues in accordance with local authority requirements.

Supplemental label information : Nil

2.3 Other Hazards:

Quartz (including Cristobalite and Trydimite) is known as a cause for silicosis in humans. The air threshold value for the respirable fraction is 0.15 mg/m³. Besides the air threshold value the general dust limit value has to be observed. The impact of quartz dust (including Cristobalite and Trydimite) is a long-term effect and depends on the dust dosage, which is determined by a long lasting average dust concentration (respirable fraction).

Results of the PBT and vPvB assessment

PBT : Inapplicable.

vPvB : Inapplicable.

SECTION 3: Composition/information on ingredients.

3.2 Chemical characterization: Mixtures

Chemical characterization: Mixtures

Description: Premixed dry mortar composed of mineral binders and aggregates.

Hazardous ingredients: Void

SECTION 4: First aid measures

4.1 Description of first aid measures

After skin contact: Change soaked clothes. Wash affected skin with plenty of water and soap. In case of persistent symptoms consult doctor.

After eye contact: Rinse open eyes for several minutes under running water and consult doctor.

After ingestion: Rinse out mouth and give plenty of water to drink. Do not induce vomiting; call for medical help immediately.

After inhalation: Ensure supply of fresh air. Consult doctor on complaints

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Product itself is non-combustible. Adapt fire extinguishing measures to surrounding areas.

Unsuitable extinguishing media: Water with full jet.

5.2 Special hazards arising from the substance or mixture: No data available.

5.3 Advice for fire-fighters

Special protection: None

Additional information: None

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

Avoid contact with eyes and skin.

Ensure supply of fresh air.

Do not inhale dust.

6.2. Environmental precautions



Do not allow to enter sewage system, ground water, waters or ground.

6.3. Methods and material for containment and cleaning up

Pick up mechanically

6.4. Reference to other sections

For information regarding safe handling see section 7.

For information regarding personal protective equipment see section 8.

For information about disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

(Continued on page 3)

Avoid dust formation.

Avoid eye and skin contact.

Advice on protection against fire and explosion: No special measures necessary.

Advice to prevent dust and aerosols: No special measures necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and dry in a cool, well-ventilated place.

Hints for combined storage: Do not store together with acids.

Further information on storage conditions

Please follow manufacturer's instructions according to storage conditions and shelf life.

Storage class: VCI-storage class: 13–Non-flammable solids.

Classification according to industrial safety regulations (BetrSichV): -

Specific end uses: No further relevant information available.

7.3. Specific end use(s): None in particular

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see section 7.

8.1 Control parameters

Components with limit values that require monitoring at the workplace:	
14808-60-7 Quartz (40 – 80 %)	
MAK	Respirable fraction

8.2. Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from food, beverages and animal feed.

Change soaked clothes.

Do not inhale dust / smoke / fog.

Avoid contact with eyes and skin.

Do not eat, drink, smoke or sniff during work.

Clean skin after work and before pauses.

Use regressing skin protection cream.

Respiratory protection:



Dust mask

At exceeding the exposure limit values (i.e. when mixing) use a particle-filtering half-mask FFP1 (white). Follow BGR 190 "Rules for the use of respiratory protective devices".

Hand protection



Protection gloves (Follow BGR 195 " Rules for the use of protective gloves)

Eye protection



Safety glasses

In case of dust formation or splashing use eye glasses with side protection.

Follow BGR 192 " Rules for the use of equipment for eye and face protection.

Body Protection



Protective clothing

Follow BRG 189 " Rules for the use of protective clothing"

Thermal Hazards: None

Environmental exposure controls: None

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Form: Powdery

Color: Grey

Odor: Odorless

Change of state

Melting point: Inapplicable

Flashpoint: Inapplicable

Explosive properties: The product is not self-igniting.

Density (20°C): 1.30 g/cm³

Solubility

Water: Mixable

Organic solvents: 0,0%

Water: 0,0%

Solid content: 100%

9.2 Other information: No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity: See section 10.5

10.2 Chemical stability: Stable under recommended storage conditions.

Thermal decomposition: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: No hazardous reactions known.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: Avoid contact with acids.

Reaction with acids: Heat development.

10.6 Hazardous decomposition products: None, if handled and stored appropriately.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: None

Primary irritant effect on skin: Irritant for skin and mucous membranes.

On the eye: Irritating effect.

Sensitization: No sensitizing effect expected if shelf-life is not exceeded.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for mixtures as issued in the latest version: Irritating

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General information:

Water hazard class 1 (self-classification): Slightly hazardous to water

Do not allow to enter ground water, waters or sewage system in undiluted form or in higher quantities.

12.5 Results of the PBT and vPvB assessment

PBT: Inapplicable.

vPvB: Inapplicable.

12.6 Other adverse effects: Adverse effect due to pH shift possible.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendation:

Disposal according to official laws.



Do not dispose with household waste. Do not allow to enter sewage system.

European Waste Catalogue: 17 01 01 Concrete

Not cleaned packaging

Recommendation: Disposal according to official laws.

SECTION 14: Transport information

14.1. UN number

ADR, ADN, IMDG, IATA : Void

14.2. UN proper shipping name: ADR, ADN, IMDG, IATA: Void

14.3. Transport hazard class(es)

ADR, ADN, IMDG, IATA: Void

Class: Void

Label: Void

14.4. Packing group:

ADR, ADN, IMDG, IATA: Void

Kemler-Number: Void

EMS-Number: Void

14.5. Environmental hazards

Marine pollutant: No

14.6. Special precautions for user: See sections 6 – 8.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Inapplicable

Transport/additional information : None

UN "Model Regulation"

SECTION 15: Regulatory information

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

National regulations:**Classification according to industrial safety regulations (BetrSichV): -****Water hazard class:** WGK 1 (self-classification): Slightly hazardous to water**Additional regulations, limitations and prohibitive regulations**

BGR 190 "Rules for the use of respiratory protective devices"

BGR 192 "Rules for the use of equipment for eye and face protection"

BGR 189 "Rules for the use of protective clothing "

BGR 195 "Rules for the use of protective gloves "

15.2. Chemical safety assessment: No**SECTION 16: Other information**

This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Relevant hazard statements: None**Data sheet issuing department:** Laboratory**Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

TLV: Threshold Limiting Value.

TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

OEL: European threshold limit value

VLE: Threshold Limiting Value.

WGK: German Water Hazard Class.

TSCA: United States Toxic Substances Control Act Inventory

DSL: DSL - Canadian Domestic Substances List

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1