



Leca[®] Insulation Fill

**- Safety Data Sheet -
Lightweight Expanded
Clay Aggregate**

www.SpecialistAggregates.com

Specialist
Aggregates
Limited

tel: 01889 580 660

fax: 01889 580 661

email: enquiries@SpecialistAggregates.com

1 IDENTIFICATION

Trade name: Leca® Insuffill

Product Code: 7897

Relevant identified uses of the substance or mixture:

Lightweight backfill including underfloor insulation, or green roof insulation.

Component of lightweight concrete

Details of the supplier of the safety data sheet:

Specialist Aggregates Ltd - Rydal House - Colton Road - Rugeley - WS15 3HF

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W: www.SpecialistAggregates.com E: enquiries@SpecialistAggregates.com

2 HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008

The product is not classified as hazardous to health or environment according to the CLP regulation.

The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

LABEL ELEMENTS

Labelling according to EU guidelines:

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version. Observe the general safety regulations when handling chemicals.

OTHER HAZARDS

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.



3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Mixtures

Description: Fired natural clay with nonhazardous additions.

Dangerous components: Void

Additional information: For the wording of the listed risk phrases refer to section 16.



4 FIRST AID MEASURES

General information: No special measures required.

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water. Rinse liquid should be tempered (20-30°C).

After swallowing: If symptoms persist consult doctor.

INFORMATION FOR DOCTOR

Most important symptoms and effects, both acute and delayed: No relevant information available.

Indication of any immediate medical attention and special treatment needed:

5 FIREFIGHTING MEASURES

Suitable extinguishing agents: The product is not combustible.

Special hazards arising from the substance or mixture: No relevant information available.

ADVICE FOR FIREFIGHTERS

Protective equipment: Use methods suitable to surrounding conditions.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation.

Environmental precautions: No special measures required.

Methods and material for containment and cleaning up: No special measures required.

REFERENCE TO OTHER SECTIONS

No dangerous substances are released.

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 HANDLING AND STORAGE

Precautions for safe handling: No special measures required.

Information about fire - and explosion protection: No special measures required.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

Specific end use(s): No further relevant information available.



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

CONTROL PARAMETERS

Ingredients with limit values that require monitoring at the workplace:

Additional information: The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

EXPOSURE CONTROLS

Personal protective equipment:

General protective and hygienic measures: Do not eat or drink while working. The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not necessary if room is well-ventilated.

Short term filter device: Filter P2.

Protection of hands: Protective gloves should be used if there is a risk of a constant direct contact

Material of gloves: Nitrile impregnated cotton gloves.

(The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.)

Penetration time of glove material: The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection: Goggles recommended during refilling

Body protection: Protective work clothing.



APPEARANCE:

Form: Granule

Colour: According to product specification

Odour: Odourless

Odour threshold: Not determined.

pH-value: Not applicable.

CHANGE IN CONDITION

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

Flash point: Not applicable

Ignition temperature:

Decomposition temperature: Not determined.

Self-igniting: Product is not selfigniting.

Danger of explosion: Product does not present an explosion hazard.

EXPLOSION LIMITS:

Lower: Not applicable

Upper: Not applicable

Vapour pressure: Not determined.

Density: Not determined

Bulk density: Not determined

Relative density: Not determined.

Vapour density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility: Not miscible or difficult to mix with Water

Segregation coefficient: Not determined.
(n-octanol/water) log Pow

Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

Solvent separation test: Not determined

Solvent content: 0.00 %

EU-VOC

Other information None.



10 STABILITY AND REACTIVITY

CHEMICAL STABILITY

Thermal decomposition / Conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

Primary irritant effect on the skin: No irritant effect known.

Primary irritant effect on the eye: No irritating effect known.

Sensitization: No sensitizing effects known.

ADDITIONAL TOXICOLOGICAL INFORMATION:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12 ECOLOGICAL INFORMATION

TOXICITY

Acquatic toxicity: No relevant information available.

Persistence and degradability: No relevant information available.

Other information: The product is slowly biodegradable.

BEHAVIOUR IN ENVIRONMENTAL SYSTEMS:

Bioaccumulative potential: No relevant information available.

Mobility in soil: No relevant information available.

ECOTOXICAL EFFECTS:

Remark: The product contains substances which causes severe clouding in water

ADDITIONAL ECOLOGICAL INFORMATION:

General notes: Do not allow product to reach ground water, water course or sewage system.

RESULTS OF PBT AND vPvB ASSESSMENT

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

13 DISPOSAL CONSIDERATIONS

Recommendation: Smaller quantities can be disposed of with household waste.

European waste catalogue: Possible waste code. The concrete waste code depends of the source of the waste.

17 09 04 | Mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

Uncleaned packaging: NON CONTAMINATED PACKAGINGS MAY BE RECYCLED.



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14 TRANSPORT INFORMATION

Land transport ADR/RID and GGVS/GGVE (cross-border/domestic) ADR/RID-GGVS/E Class: -

Maritime transport IMDG/GGVSea IMDG/GGVSea Class: -

Air transport ICAO-TI and IATA-DGR ICAO/IATA Class: -

UN "Model Regulation": -

Special precautions for user: Not applicable.

Transport/Additional information: Not dangerous according to the above specifications.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

15 REGULATORY INFORMATION

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 REGULATORY INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Information Source: Weber Safety data sheet - Date of Printing 18.03.2011

Trade name: Weber Leca Insufill

Department issuing MSDS: Technical Department

ABBREVIATIONS AND ACRONYMS:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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

ICAO: International Civil Aviation Organization

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

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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