

Date: 17.05.2024

Former date: 16.08.2018

Trade name / Substance name: **FOAMIT FOAM GLASS AGGREGATE**

SAFETY DATA SHEET

INFORMATION FORM FOR CHEMICALS DATA

(*) concerns only chemical notification

(**) either 3.1 or 3.2 must be filled

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

1.1 Product identifier

Trade name / Substance name Foamit foam glass aggregate
 Product code -

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

The uses of the chemical verbally Bulk fill material, thermal insulation, under slab layer of limecrete floor, frost heave protection, foundations, roof construction, capillary blocker, garden construction, soil stabiliser, traction sand, etc.

Uses advised against -

1.3 Details of the supplier of the Safety Data Sheet

Supplier (manufacturer, importer, only representative, downstream user, distributor)

Manufacturer Uusioaines Oy
Street address Edvartintie 3
Postcode and post office 31600 Jokioinen
Post-office box P.O.Box 120
Postcode and post office FIN-30101 Forssa
Telephone number +35834243100
Telefax -
E-mail address uusioaines@uusioaines.com, www.foamit.fi
Finnish Business ID (Y code) (*) 0987205-9

1.4 Emergency telephone number

(Poison centre) 09 471 977 (24 hrs) or 112

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The product is not classified as hazardous and is not subject to the labelling obligation in accordance with Regulation (EC) No. 1272/2008 (CLP).

More information on health effects and symptoms can be found in section 11.

2.2 Label elements

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2.3 Other hazards

No specific hazards are known. Handling instructions according to section 7 and the personal protective equipment instructions according to section 8 must be followed.

The substance is not subject to Directive (EC) 1907/2006 Annex XIII (vPvB- and PBT-substances).

The substance does not contain components with endocrine disrupting properties according to REACH Regulation 57(f) or Commission Delegated Regulation 2017/2100 or Commission Regulation 2018/605 (<0.1%).

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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS		
3.1 Substances (**)		
Main constituent / constituent	CAS-, EC- or index number	Concentration
Foam glass	70010010	100%
Silicon dioxide (SiO ₂)		<75%
Sodium oxide (Na ₂ O)		<15%
Calcium oxide (CaO)		<11%
Magnesium oxide (MgO)		<5%
Aluminium oxide (Al ₂ O ₃)		<3%

SECTION 4: FIRST AID MEASURES	
4.1	Description of first aid measures
	<p>Respiratory: Move in to the fresh air. Flush the throat and clean the nasal passageways.</p> <p>Skin: Mechanical abrasion may cause irritation. Wash or rinse with water.</p> <p>Eyes: Contact with the eyes may cause injuries to the eyes. Do not rub the eyes. Rinse the eyes with plenty of running water. Remove contact lenses if possible. If irritation persists after rinsing seek medical attention.</p> <p>Ingestion: Seek immediate medical attention.</p>
4.2	Most important symptoms and effects, both acute and delayed
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4.3	Indication of any immediate medical attention and special treatment needed
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SECTION 5: FIREFIGHTING MEASURES	
5.1	Extinguishing media
	The product is not flammable. There are no limitations on the use of conventional fire extinguishing agents
5.2	Special hazards arising from the substance or mixture
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5.3	Advice for firefighters
	-

SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1	Personal precautions, protective equipment and emergency procedures
	Personal precautions. Produces dust when dry, in which case use the personal protective equipment outlined in section 8.
6.2	Environmental precautions
	The product is not toxic or hazardous to the environment.
6.3	Methods and material for containment and cleaning up
	Clear up the material mechanically.
6.4	Reference to other sections

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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid dust where possible. When working in dusty conditions, a respirator with a particulate filter (P2) must be used. Safety goggles are recommended. Use of safety gloves is recommended to avoid mechanical abrasion that may cause irritation.

7.2 Conditions for safe storage, including any incompatibilities

No special requirements, no incompatible materials.

7.3 Specific end use(s)

No special requirements.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limit values

Inorganic dust 8h HTP 10 mg/m³

Other limit values

-

DNEL

-

PNEC

-

8.2 Exposure controls

Appropriate engineering controls

Personal Protective Equipment and Protective Clothing

Eye / face protection

To prevent dust and splashes to the eyes, the use of safety goggles is recommended in all areas.

Skin protection

Mechanical abrasion may cause irritation. Use appropriate work clothes.

Hand protection

Mechanical abrasion may cause irritation. Wear protective gloves.

Respiratory protection

Particulate respirator (P2) with particulate filter must be used throughout dusty stages of work.

Thermal hazards

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Environmental exposure controls

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on physical and chemical properties

Appearance	Solid
Odour	-
Odour threshold	-
pH	-

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Melting point/freezing point	Softening point approx. 700 ° C
Initial boiling point and boiling range	-
Flash point	-
Evaporation rate	-
Flammability (solid, gas)	Non-flammable
Upper/lower flammability or explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	Dry bulk density about 125 - 250 kg / m ³
Solubility(ies)	-
Partition coefficient: n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

9.2 Other information

Particle size typically 0-60 mm

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

-

10.2 Chemical stability

Chemically stable

10.3 Possibility of hazardous reactions

-

10.4 Conditions to avoid

-

10.5 Incompatible materials

-

10.6 Hazardous decomposition products

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in regulation (EC) No 1272/2008

Acute toxicity (Oral, Dermal, Inhalation)

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Skin corrosion/irritation

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Mechanical abrasion can cause irritation.

Serious eye damage/irritation

Contact with eyes may cause eye injuries.

Respiratory or skin sensitisation

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Germ cell mutagenicity

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Carcinogenicity

-

Reproductive toxicity

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STOT-single exposure

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STOT-repeated exposure

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Aspiration hazard

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11.2	Information on other hazards
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SECTION 12: ECOLOGICAL INFORMATION	
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12.1	Toxicity
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12.2	Persistence and degradability
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12.3	Bioaccumulative potential
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12.4	Mobility in soil
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12.5	Results of PBT and vPvB assessment
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12.6	Other adverse effects
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SECTION 13: DISPOSAL CONSIDERATIONS	
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13.1	Waste treatment methods
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Smaller contaminated items can be disposed of with normal mixed waste. Larger batches can be recovered and re-used. The foam glass to be removed from use is classified as construction waste. It is delivered to a landfill. Before delivery to the landfill, the material must be approved in advance for placement in the landfill. Crushed foam glass mixed with soil cannot be taken to a landfill for soil.

SECTION 14: TRANSPORT INFORMATION	
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14.1	UN number or ID number
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14.2 UN proper shipping name

-
14.3 Transport hazard class(es)

-
14.4 Packing group

-
14.5 Environmental hazards

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14.6 Special precautions for user

-
14.7 Maritime transport in bulk according to IMO instructions

SECTION 15: REGULATORY INFORMATION

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

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15.2 Chemical safety assessment

SECTION 16: OTHER INFORMATION

Indication of changes

Updated according to the headings and subheadings presented in Part B of Annex II of Commission Regulation (EU) 2020/878. National emergency number added to section 1.4. Instructions related to handling and storage updated to section 7.1. Aspects related to waste treatment updated to section 13.1. Disclaimer added to section 16.

Abbreviations and acronyms

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Key literature references and sources for data

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Used method in evaluating classification

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List of relevant R- and S-phrases or/and safety and precautionary statements

No safety nor precautionary statements.

Training advice for workers

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Disclaimer

The information in this safety data sheet is based on our current knowledge and experience and is given to the best of our knowledge and understanding. It only describes the safe handling, transport, and disposal of the product. The information does not describe the product's properties (technical specifications). The suitability of the product for any specific purpose cannot be deduced from the information in this safety data sheet. No changes may be made to this document. The information is not applicable to other products. If the product is mixed with other substances or modified or processed, the information in this safety data sheet cannot be applied to the new



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material produced. The recipient of our product is obliged to comply with the local laws in force in their operations. Contact us if you need up-to-date safety data sheets. This document is prepared electronically and does not have a signature.