

GENERAL INFORMATION - Safe use instruction sheet

- The European Regulation (ER) on Chemicals No. 1907/2006 (REACH) enforced on June 1, 2007 only requires a Safety Data Sheet (SDS) for hazardous substances or preparations. This product is considered an article under REACH and therefore, no SDS is legally required. The manufacturer and/or supplier of this product has decided to provide customers with information for assuring the safe handling of the product through the Safe Use Instruction Sheet (SUIS).
- According to United Nations GHS 1.3.2.1.1, GHS applies to pure substances and their dilute solutions and to mixtures. "Articles" as defined in the Hazard Communication Standard (29 CFR 1910.1200) of the Occupational Safety and Health Administration of the United States of America, or by similar definition, are outside the scope of the system. This product is considered an article and therefore, no SDS is legally required. The manufacturer and/or supplier of this product has decided to provide customers with information for assuring the safe handling of the product through the Safe Use Instruction Sheet (SUIS).

SECTION 1 Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

Trade name: FOAMGLAS TYPES W+F, T4+, T4, T3+, T3, S3, F, HLB, ONE, Pt and TAPERED (EU)

1.2 Synonyms

Cellular Glass Insulation

1.4 Relevant identified uses of the substance or mixture and uses advised against**Identified uses:**

- Insulation of roofs, walls, floors, tanks, spheres, vessels, piping and equipment.
- For professional use

1.5 Details of the supplier of the safety data sheet**Manufacturer/Supplier:**

Quantum Insulation Ltd, Holland House, Valley Way, Rockingham Road

Market Harborough Leicestershire LE16 7PS

T: +44 1858 456018, F: +44 (0) 1858410572, sales@quantuminsulation.com

Further information obtainable from: www.quantuminsulation.com

1.6 Emergency telephone number:

During office hours tel: +44 (0) 1858410372. At all other times please contact National Poisons Centre 0844 892 0111 (UK only)

SECTION 2 Hazards identification**2.1 Regulatory Status**

This product is classified as an article. "article: means an object which during production is given a special shape, surface or design which determines its function to a greater degree than does its chemical composition" (Article 3(3) of REACH)

2.2 GHS Classification

This product is not classified hazardous according to GHS criteria

2.3 Other Information

May cause temporary skin and mucous membranes itching due to the mechanical abrasion effect of glass particles

SECTION 3 Composition/information on ingredients

Comments The product contains no substances which at their given concentration, are considered to be hazardous to health.

SECTION 4 First aid measures

Description of first aid measures

- | | |
|---------------|---|
| Eye contact: | <ul style="list-style-type: none">• Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician |
| Skin contact: | <ul style="list-style-type: none">• Wash skin with soap and water |
| Inhalation: | <ul style="list-style-type: none">• Remove to fresh air• If symptoms persist, call a physician |
| Ingestion: | <ul style="list-style-type: none">• Rinse mouth with water and drink water to remove glass particles from the throat• DO NOT induce vomiting |

SECTION 5 Firefighting measures

General information

- | | |
|---|---|
| Flammable properties | <ul style="list-style-type: none">• Non-combustible• Class A1 (EU No. L267/23 dd19/10/1996) |
| Suitable extinguishing media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment |
| Protective equipment and precautions for firefighters | <ul style="list-style-type: none">• As in any fire, wear self-contained breathing apparatus (positive-pressure), MSHA/NIOSH (approved or equivalent) and full protective gear |

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

- | | |
|-------------------------|---|
| Personal precautions | <ul style="list-style-type: none">• Avoid contact with eyes and skin• Do not breathe dust• Avoid creating dust |
| Methods for cleaning up | <ul style="list-style-type: none">• Take up mechanically, placing in appropriate containers for disposal• Dispose of in accordance with Local, State, Federal and Provincial regulations• Use personal protective equipment as required• Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry• Clean contaminated surface thoroughly |

SECTION 7 Handling and storage

Precautions for safe handling

- | | |
|------------------------|--|
| General Handling | <ul style="list-style-type: none">• Avoid creating dust• Wash thoroughly after handling |
| Storage Conditions | <ul style="list-style-type: none">• Keep container tightly closed in a dry and well-ventilated place• If storing for long periods, protect product from weather |
| Incompatible materials | <ul style="list-style-type: none">• None known based on information supplied |

SECTION 8 Exposure controls/personal protection

Component	ACGIH	AUSTRIA	BELGIUM	BULGARIA	CROATIA
Glass, oxides 65997-17-3 (>99)	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml	Total Dust 5/mg/m ³ Respirable Dust 5/mg/m ³ Respirable fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 0.5f/ml	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml
Component	CZECH REPUBLIC	DENMARK	FINLAND	FRANCE	GERMANY
Glass, oxides 65997-17-3 (>99)	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 5mg/m ³ Respirable Fibre 0.1f/ml	TWA: 5 mg/m ³ TWA: 1 fiber/cm ³	Total Dust 10mg/m ³ Respirable Dust 5mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 1.25mg/m ³
Component	HUNGARY	IRELAND	ITALY	LITHUANIA	NETHERLANDS
Glass, oxides 65997-17-3 (>99)	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 4mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml
Component	NORWAY	POLAND	PORTUGAL	RUSSIA	SPAIN
Glass, oxides 65997-17-3 (>99)	Total Dust 10mg/m ³ Respirable Dust 5mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml	STEL: 4 mg/m ³ STEL: 6 mg/m ³	Total Dust 10mg/m ³ Respirable Dust 5mg/m ³ Respirable Fibre 1f/ml
Component	SWEDEN	SWITZERLAND	UNITED KINGDOM		
Glass, oxides 65997-17-3 (>99)	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 1f/ml	Total Dust 10mg/m ³ Respirable Dust 3mg/m ³ Respirable Fibre 0.5f/ml	Total Dust 10mg/m ³ Respirable Dust 4mg/m ³ Respirable Fibre 2f/ml	-	-

Engineering Controls

- Showers
- Eyewash stations
- Ventilation systems

Eye/face protection

- Wear safety glasses with side shields (or goggles) (EN166)

Skin and body protection

- Wear protective gloves (EN374)
- Wear long-sleeved shirt and long pants

Respiratory protection

- No respiratory protection equipment is needed under normal use conditions.
- When workers are facing airborne particulates/dust concentrations above the exposure limits, they must use an appropriate certified respirator

General Hygiene Considerations

- Do not eat, drink or smoke when using this product
- Wash face, hands and any exposed skin thoroughly after handling

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

GENERAL INFORMATION	
Physical state	Solid
Appearance	Cellular
Odour	No odor unless cut or crushed. Rotten egg odor when cells are cut or crushed. Odor threshold 0.002 ppm
Colour	Black
Water solubility	Insoluble in water
Specific gravity	N/A
Density	100-200 kg/m ³

SECTION 10 Stability and reactivity

- Stability** • Stable under normal conditions.
- Possibility of hazardous reactions** • None under normal processing conditions
- Hazardous decomposition products** • None under normal processing conditions
Hydrogen Carbon oxides

SECTION 11 Toxicological information

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

SECTION 12 Ecological information

This product is not expected to be hazardous for the environment

SECTION 13 Disposal considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14 Transport information

These products are not classified as dangerous goods according to international transport regulations.

SECTION 15 Regulatory information

- International Inventories** This product is classified as an article. Articles are exempted from registration or listing under chemicals inventories like TSCA (USA), DSL/NDSL (CAN), REACH (EU), ENCS (JP), IECSC (CN), KECL (KR), PICCS (PH), AICS (AUS)
- European Regulation** • This product is classified as an article. See section 2
• This product contains no REACH substances with Annex XVII restrictions
• This product contains no REACH candidate substances
• This product contains no REACH Annex XIV substances

SECTION 16 Other information

Creation Date	11-Sep-2015 Revision Date 03-Apr-2018
Revision Note	This product has been reclassified as an article (see section 2). Articles are not required to have a safety data sheet, so a safe use instruction sheet (SUIS) is provided to our customers.

Disclaimer

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.