

# SAFETY DATA SHEET

# GRAFT®

In accordance with 453/2010 and 1272/2008

(All references to EU regulations and directives are abbreviated into only the numeric term)

Issued 2015-06-30

Replaces issued SDS 2014-02-07

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

### 1.1. Product identifier

Trade name

**GRAFT LIGHTWEIGHT FILLER**

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

Identified uses

Filler

### 1.3. Details of the supplier of the safety data sheet

Company

Polyseam Ltd  
Shaw Park, Silver Street  
Huddersfield, West Yorkshire  
HD5 9AF

Telephone

01484 421036

E-mail

post.uk@polyseam.com

Website

<http://www.graft.co.uk/>

### 1.4. Emergency telephone number

In case of emergency contact toxicological information, emergency tel 112.

For non-emergency poison information, see [http://www.who.int/gho/phe/chemical\\_safety/poisons\\_centres/en/](http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/)

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Classification in accordance with 1272/2008

Upon assessment, this mixture is not classified as hazardous according to 1272/2008.

### 2.2. Label elements

Label information in accordance with 1272/2008

Hazard pictograms Not applicable

Signal words Not applicable

Hazard statements Not applicable

EUH208 Contains 1,2-BENZISOTHIAZOLINONE. May produce an allergic reaction

### 2.3. Other hazards

Not relevant.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product is composed of a homogeneous mixture of liquids.

### 3.2. Mixtures

Note that the table shows known hazards of the ingredients in a pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
<b>1,2-BENZISOTHIAZOLINONE</b>		
CAS No 2634-33-5 EC No 220-120-9 Index No 613-088-00-6	Acute Tox 4oral, Skin Irrit 2, Eye Dam 1, Skin Sens 1, Aquatic Acute 1; H302, H315, H318, H317, H400	< 0.01%

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complement used in the calculation of the hazards of this mixture, see Section 16b

Also contains component(s) not necessary to label.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### Generally

In case of concern, or if symptoms persist, call doctor/physician.

#### Upon breathing in

Allow the injured person to rest in a warm place with fresh air, if symptoms persist seek medical advice.

#### Upon contact with the eyes

Rinse the eye for several minutes with lukewarm water. If irritation persists call a doctor/ophthalmologist.

#### Upon skin contact

Normal washing of the skin is considered sufficient; If nevertheless symptoms do occur, contact a physician.

Remove contaminated clothes.

#### Upon ingestion

First rinse the mouth thoroughly with plenty of water and SPIT OUT the rinsing water. Then drink at least half a litre of water and contact the doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

Extinguish with materials intended for the surrounding fire.

### 5.2. Special hazards arising from the substance or mixture

The product is not hazardous in the flammable sense.

### 5.3. Advice for fire-fighters

In case of fire use a respirator mask.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Use recommended safety equipment, see section 8.

In case of spillage in protected water, call the emergency services immediately, tel. 112 (in Europe).

Do not inhale the product and avoid exposure to skin and eyes.

### 6.2. Environmental precautions

At amounts considered in this case, the product may be released into the natural environment without serious environmental consequences. Large emissions should however be reported to the emergency services and the Environment Agency.

### 6.3. Methods and material for containment and cleaning up

Carefully collect the material for combustion waste disposal, then wash the spillage area with water.

See also section 8 and 13.

### 6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Treat the substance as potentially harmful to health.

Do not eat, drink or smoke in premises where this product is stored.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated space.

Store only in the original package.

### 7.3. Specific end uses

Not relevant.

# SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

## 8.1. Control parameters

### 8.1.1. National limit values, United Kingdom

All ingredients (cf. Section 3) lack occupational exposure limit values.

## 8.2. Exposure controls

In terms of minimizing risks, no special attention is needed for this product besides the general obligations that follow EU directive 89/391 and national occupational legislation.

Eye protection should be worn if there is any danger of direct exposure or splashing.

Protective gloves are normally not needed due to the properties of this product, but may be necessary for other reasons, e.g.



mechanical risks, temperature conditions or microbiological risks. Very sensitive persons can use gloves labelled "Low Chemical resistant" or "Waterproof" or with the pictogram indicated here.

Use appropriate breathing apparatus during sanding and/or other dust forming handling.

For limitation of environmental exposure, see Section 12.

# SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## 9.1. Information on basic physical and chemical properties

a) Appearance	Form: paste Colour: white
b) Odour	Not applicable
c) Odour threshold	Not applicable
d) pH	8.5-9.5
e) Melting point/freezing point	Not applicable
f) Initial boiling point and boiling range	Not applicable
g) Flash point	Not applicable
h) Evaporation rate	Not applicable
i) Flammability (solid, gas)	Not applicable
j) Upper/lower flammability or explosive limits	Not applicable
k) Vapour pressure	Not applicable
l) Vapour density	Not applicable
m) Relative density	Not applicable
n) Solubility	Not applicable
o) Partition coefficient: n-octanol/water	Not applicable
p) Auto-ignition temperature	Not applicable
q) Decomposition temperature	Not applicable
r) Viscosity	Not applicable
s) Explosive properties	Not applicable
t) Oxidising properties	Not applicable

## 9.2. Other information

No data available

# SECTION 10: STABILITY AND REACTIVITY

## 10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

## 10.2. Chemical stability

The product is stable at normal storage and handling conditions.

## 10.3. Possibility of hazardous reactions

No hazardous reactions known.

## 10.4. Conditions to avoid

Not indicated

### 10.5. Incompatible materials

Not indicated

### 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### General or unspecific toxicity

The product is not classified as toxic.

#### Acute effects

Not classified as an acutely toxic substance.

#### Harmfulness

The product is not classified as harmful to health.

#### Repeated dose toxicity

To the best of our knowledge, no chronic effects have been reported for this product.

#### Carcinogenicity

To the best of our knowledge, no carcinogenic effects have been reported for this product.

#### CMR effects

To the best of our knowledge, no mutagenic or otherwise genetic or reproductive toxic effects have been reported for this product.

#### Sensibilisation

The product contains a low level of allergenic substance.

#### Corrosive and irritating effects

The product is not corrosive. Minor irritation cannot be ruled out for persons who are prone/susceptible.

#### Synergism and antagonism

To the best of our knowledge, no synergistic effects have been reported for this product or any of its ingredients.

#### Effect on judgement and other psychological effects

To the best of our knowledge this product does not affect discernment if used in the manner intended.

#### Effect on human microflora

Effects on human micro flora have not been proven, or are negligible.

#### Relevant toxicological properties

##### 1,2-BENZISOTHIAZOLINONE

LD50 rat (Dermally) 24h > 5000 mg/kg

LD50 rat (Orally) 24h = 1450 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 1,2-BENZISOTHIAZOLINONE

EC50 Freshwater water flea (Daphnia magna) 48 h = 105 mg/l

LC50 Fish 96h = 16 mg/l

IC50 Algae 72h = 15 mg/l

No ecological damage is known or expected in the event of normal use.

### 12.2. Persistence and degradability

The product is not degradable.

### 12.3. Bioaccumulative potential

Neither this product, nor its contents, accumulates in nature.

### 12.4. Mobility in soil

The product is not soluble in water.

### 12.5. Results of PBT and vPvB assessment

No chemical safety report has been executed.

### 12.6. Other adverse effects

Not indicated

# SECTION 13: DISPOSAL CONSIDERATIONS

## 13.1. Waste treatment methods

### Waste handling for the product

The product is not classified as hazardous waste.  
Also take local regulations for dealing with waste into account.

### Recycling of the product

This product is not usually recycled.

### Transportation of waste

Waste class J(0) - Does not have adverse effects on health or the environment.

# SECTION 14: TRANSPORT INFORMATION

This product is only supposed to be transported by road or railway and just the transport regulations ADR/RID thus apply. If other means of transport are to be used, contact the publisher of this safety data sheet.

## 14.1. UN number

Not classified as dangerous goods

## 14.2. UN proper shipping name

Not applicable

## 14.3. Transport hazard class(es)

Not applicable

## 14.4. Packing group

Not applicable

## 14.5. Environmental hazards

Not applicable

## 14.6. Special precautions for user

Not applicable

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

Not applicable

# SECTION 15: REGULATORY INFORMATION

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

Not applicable.

## 15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

# SECTION 16: OTHER INFORMATION

## 16a. Indication of where changes have been made to the previous version of the safety data sheet

### Revisions of this document

#### Earlier versions

2014-02-07 Revisions of this document has, where not otherwise stated, been caused by changes in the regulations

## 16b. Legend to abbreviations and acronyms used in the safety data sheet

### Full texts for Hazard Class and Category Code mentioned in section 3

<i>No phys haz</i>	Non-assigned physical hazard
Acute Tox 4 <i>oral</i>	Acute toxicity (Category 4 oral)
Skin Irrit 2	Skin Irritant (Category 2)
Eye Dam 1	Irreversible Eye Effects (Category 1)
Skin Sens 1	May cause an allergic skin reaction (Category 1)
Aquatic Acute 1	Very toxic to aquatic life (Category Acute 1)

### Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

## 16c. Key literature references and sources for data

## Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I, as updated to 2015-07-01.

Where such data was lacking, on the second hand the documentation on which this official classification is based was used, e.g. IUCLID (International Uniform Chemical Information Database). On the third hand, information was used from reputable international chemical suppliers, and on the fourth hand from other available information, e.g. safety data sheets from other suppliers or information from non-profit associations, whereby the reliability of the source was judged by an expert. If, in spite of this, reliable information was not found, the hazards were judged by expert opinions based on the known properties of similar substances, and according to the principles in 1907/2006 and 1272/2008.

## Full texts for Regulations mentioned in this Safety Data Sheet

453/2010 COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

1272/2008 REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

89/391 COUNCIL DIRECTIVE (89/391/EEC of 12 June 1989 on the introduction of measures to encourage improvements in the safety and health of workers at work

1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC Annex I

## 16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

The calculation of the hazards of this mixture has been performed as an evaluation by applying a weight of evidence determination using expert judgement in accordance with 1272/2008 Annex I, weighing all available information having a bearing on the determination of the hazards of the mixture, and in accordance with 1907/2006 Annex XI.

## 16e. List of relevant hazard statements and/or precautionary statements

### Full texts for hazard statements mentioned in section 3

- H302 Harmful if swallowed
- H315 Causes skin irritation
- H318 Causes serious eye damage
- H317 May cause an allergic skin reaction
- H400 Very toxic to aquatic life

## 16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

### Warning for misuse

This product is not expected to cause severe harm to humans or the environment. However the manufacturer, the distributor or the supplier cannot be responsible for unusual or criminal use of the product.

### Other relevant information

#### Editorial information

This safety data sheet has been generated by the program KemRisk®, KemRisk Sweden AB, Teknikringen 10, SE-583 30 Linköping, Sweden.