

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

Trade name: FOAMGLAS PC® 58 Component A

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

- Adhesives and/or sealants
- For professional use

**1.3 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](http://www.quantuminsulation.com)

**1.4 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****Classification according to Regulation (EC) No. 1272/2008 (CLP)****2.1 Classification of the substance or mixture**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Carcinogenicity	Category 1B

**2.2 Label elements**

Label elements according to (EC) N°1272/2008 (CLP) as amended.



Health Hazard



Irritant

Signal word

**Danger**

**Hazard statements**

H350	May cause cancer
H319	Causes serious eye irritation
H315	Causes skin irritation

Contains

Contains N,N'-methylenedimorpholine;N,N'-methylenebismorpholine;[formaldehyde released from N,N'-methylenebismorpholine];[MBM]. May produce an allergic reaction

**Precautionary Statements**

P201	Obtain special instructions before use
P264	Wash face, hands and any exposed skin thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P308 + P313	IF exposed or concerned: Get medical advice/attention
P337 + P313	If eye irritation persists: Get medical advice/attention
P501	Dispose of contents/ container to an approved waste disposal plant

**2.3 Other hazards**

No other specific hazard has been identified.

**SECTION 3 Composition/information on ingredients**
**3.1 Substances**

Not applicable

**3.2 Mixtures**

 Chemical nature  
 emulsion.

Chemical name	EC IDENT. NUMBER	CAS NUMBER	Content (% weight)	Classification, labelling and packaging (EU Regulation (CE) 1272/2008)	REACH REG. NUMBER
Non-hazardous	-	9999-99-9	>95	No data available	No data available
Sodium hydroxide	215-185-5	1310-73-2	<=1	Skin Corr. 1A (H314) specific conc. limit >= 5%: skin corr. 1A, H314 2 - 5%: skin corr. 1B, H314 0,5 - 2%: skin irrit. 2, H315 0,5 - 2%: eye irrit.2, H319 >=1%:met.corr.	No data available
N,N'-Methylenebismorpholine	227-062-3	5625-90-1	<=0.15	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Muta. 2 (H341) Carc. 1B (H350) (EUH071) STOT RE 2 (H373)	No data available

Full text of H- and EUH-phrases: see section 16

**Additional information**

This mixture does not contain any substances to be mentioned according to the criteria of REACH Annex II Section 3.2

## SECTION 4 First aid measures

### 4.1 Description of first aid measures

Inhalation:

- If symptoms persist, call a physician
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Skin contact:

- Wash off immediately with soap and plenty of water
- If symptoms persist, call a physician
- Remove contaminated clothing and shoes

Eye contact:

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- If eye irritation persists: Get medical advice/attention

Ingestion:

- DO NOT induce vomiting
- Rinse mouth with water (only if the person is conscious)
- Drink plenty of water
- If symptoms persist, call a physician

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

Symptoms:

- Causes skin irritation
- Repeated or prolonged contact may cause allergic reactions in very susceptible persons
- Causes serious eye irritation
- May cause cancer

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

**Note to physicians:**

Treat symptomatically.

## SECTION 5 Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media:

- Water spray (fog)
- Extinguishing powder
- Alcohol resistant foam
- Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media:

Do not use straight streams

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

Specific hazards arising from the chemical Not flammable.

Hazardous combustion products

Hydrocarbons. Carbon monoxide. Hydrogen sulfide.

### 5.3 Advice for firefighters

Special protective equipment for fire-fighters

Evacuate personnel to safe areas. Cool drums with water spray. Avoid release to the environment. Use personal protective equipment as required. Wear self contained breathing apparatus for fire fighting if necessary.

## SECTION 6 Accidental release measures

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

#### Personal precautions

- Evacuate personnel to safe areas
- Ventilate affected area
- Avoid contact with eyes and skin
- Avoid creating dust

#### For emergency responders

- Use personal protections recommended in Section 8
- Have procedures in place for emergency decontamination

### 6.2 Environmental precautions

#### Environmental precautions

- Do not allow into any sewer, on the ground or into any body of water
- Collect spillage

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

#### Methods for containment

- Stop leak if you can do it without risk

#### Methods for cleaning up

- Dam up
- Take up with sand, earth or other non-combustible absorbent material
- Sweep up or vacuum up spillage and collect in suitable container for disposal.
- Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

### 6.4 Reference to other sections

#### Reference to other sections

- See section 8 for more information
- See section 13 for more information

## SECTION 7 Handling and storage

### 7.1 Precautions for safe handling

#### General Handling

- Ensure adequate ventilation, especially in confined areas
- Use personal protective equipment as required
- Do not breathe dust/fume/gas/mist/vapors/spray
- Avoid contact with skin, eyes or clothing
- Avoid release to the environment
- Obtain special instructions before use

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

#### Storage Conditions:

- Ensure adequate ventilation, especially in confined areas
- Use personal protective equipment as required
- Do not breathe dust/fume/gas/mist/vapors/spray
- Avoid contact with skin, eyes or clothing
- Avoid release to the environment
- Obtain special instructions before us

#### Incompatible materials

- Strong oxidizing agents

### 7.3. Specific end use(s)

#### Specific use(s)

No particular end use has been identified to date.

**SECTION 8 Exposure controls/personal protection (cont)**

Component	ACGIH	AUSTRALIA	AUSTRIA	BELGIUM	BULGARIA
Sodium hydroxide 1310-73-2 ( ≤=1 )	-	2 mg/m <sup>3</sup> Peak	TWA: 2 mg/m <sup>3</sup> STEL 4 mg/m <sup>3</sup>	-	TWA: 2.0 mg/m <sup>3</sup>
Component	CROATIA	CZECH REPUBLIC	DENMARK	FINLAND	FRANCE
Sodium hydroxide 1310-73-2 ( ≤=1 )	STEL: 2 mg/m <sup>3</sup>	TWA: 1 mg/m <sup>3</sup> Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	Ceiling: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup>
Component	GERMANY	GREECE	HUNGARY	IRELAND	ITALY
Sodium hydroxide 1310-73-2 ( ≤=1 )	-	TWA 2 mg/m <sup>3</sup> STEL 2 mg/m <sup>3</sup>	TWA 1 mg/m <sup>3</sup> STEL 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup>	-
Component	LATVIA	LITHUANIA	NETHERLANDS	NORWAY	POLAND
Sodium hydroxide 1310-73-2 ( ≤=1 )	TWA: 0.5 mg/m <sup>3</sup>	-	-	Ceiling: 2 mg/m <sup>3</sup>	STEL: 1 mg/m <sup>3</sup> TWA: 0.5 mg/m <sup>3</sup>
Component	PORTUGAL	ROMANIA	RUSSIA	SLOVAKIA	SLOVENIA
Sodium hydroxide 1310-73-2 ( ≤=1 )	Ceiling: 2 mg/m <sup>3</sup>	-	-	TWA: 2 mg/m <sup>3</sup>	-
Component	SPAIN	SWEDEN	SWITZERLAND	UNITED KINGDOM	
Sodium hydroxide 1310-73-2 ( ≤=1 )	STEL: 2 mg/m <sup>3</sup>	TLV: 1 mg/m <sup>3</sup> Binding STEL: 2 mg/m <sup>3</sup>	TWA: 2 mg/m <sup>3</sup> STEL: 2 mg/m <sup>3</sup>	STEL: 2 mg/m <sup>3</sup>	

Derived No Effect Level (DNEL)

No information available.

Predicted No Effect Concentration  
(PNEC)

No information available.

**8.2. Exposure controls**

Engineering Controls

- Ensure adequate ventilation, especially in confined areas

Personal protective equipment

Eye/face protection

Hand Protection

- Wear safety glasses with side shields (or goggles) (EN166)
- Chemically resistant gloves (tested to EN374)
- Wear protective butyl rubber gloves
- Wear protective nitrile rubber gloves
- Ensure that the breakthrough time of the glove material is not exceeded. Refer to gloves supplier for information on breakthrough time for specific gloves

Skin and body protection

Respiratory protection

- Wear safety glasses with side shields (or goggles) (EN166)
- No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation maybe required

Environmental exposure controls

- Avoid release to the environment
- Do not allow into any sewer, on the ground or into any body of water

**SECTION 9 Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

GENERAL INFORMATION	
Physical state	Liquid
Appearance	Black
Odour	Characteristic
Odour threshold	No information available
<b>Property</b>	<b>Value</b>
pH	10 - 11
Melting point / freezing point	0 °C
Boiling point and range	100 °C
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid/gas)	No data available
Flammability Limit in Air: Upper/lower flammability	No data available
Vapour pressure	23 hPa
Density Value	1 g/cm <sup>3</sup>
Relative density	No data available
Water solubility	Miscible in water
Solubility (ies)	No data available
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
Viscosity	Not determined
Dynamic viscosity	No data available
Explosive properties	No information available
Oxidising properties	No information available

**9.2 Other Information**

Softening point	No information available
Molecular weight	No information available
VOC	0 %
Liquid Density	No information available
Bulk density	No information available

**SECTION 10 Stability and reactivity**
**10.1 Reactivity**

No known reactivity

**10.2 Chemical stability**

Stable under normal conditions.

**Explosion data**

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

**10.3 Possibility of hazardous reactions**

None under normal processing conditions

**10.4 Conditions to avoid**

Temperatures above 100 °C / 212 °F

**10.5 Incompatible materials**

Strong oxidizing agents

**10.6 Hazardous decomposition products**

Hydrogen sulfide Hydrocarbons Carbon monoxide

**SECTION 11 Toxicological information**

Product Information	Product does not present an acute toxicity hazard based on known or supplied information.
Inhalation	No data available.
Eye contact	Causes serious eye irritation.
Skin contact	Causes skin irritation.
Ingestion	No data available.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/eye irritation	Irritating to eyes.
Sensitization	No information available
Germ cell mutagenicity	No information available.
Carcinogenicity	May cause cancer.
Reproductive toxicity	No information available.
STOT - single exposure	No information available
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Chemical name	ORAL LD50	LD50/DERMAL/RAT - NO UNITS (WIZARDS MG/KG)	INHALATION LC50
Sodium hydroxide 1310-73-2 ( <=1 )	= 325 mg/kg ( Rat )	= 1350 mg/kg ( Rabbit )	-

**SECTION 12 Ecological information**

Chemical name	ALGAE/AQUATIC PLANTS	FISH	CRUSTACEA
Sodium hydroxide 1310-73-2 ( <=1 )	= 325 mg/kg ( Rat )	= 1350 mg/kg ( Rabbit )	-

**12.1 Toxicity**

None. This product is not expected to cause harm to animals or plants during normal conditions of use. Stone wool is principally made from non scarce rock material and recycled stone wool.

**12.2 Persistence and degradability**

Not readily biodegradable.

**12.3 Bioaccumulative potential**

No information available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

No information available.

**12.6 Other adverse effects**

Do not allow material to run into surface waters, waste water or soil

**SECTION 13 Disposal considerations**
**13.1 Waste treatment methods**

Waste from residues/unused products

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

Contaminated packaging

- Should not be released into the environment
- Dispose of empty containers and wastes safely
- Disposal should be in accordance with applicable regional, national and local laws and regulations

Waste codes / waste designations according to EWC / AVV

- Waste codes should be assigned by the user based on the application for which the product was used
- The following Waste Codes are only a suggestion:
- 17 03 02

## SECTION 14 Transport information

TRANSPORT INFORMATION	
<b>IMDG</b>	
14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Marine pollutant	Not applicable
14.6 Special provisions	No
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available
<b>RID</b>	
14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	No
<b>ADR</b>	
14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	No
<b>IATA</b>	
14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special Provisions	No

**SECTION 15 Regulatory information**

**15.1 National regulations**

**Germany**

Water hazard class (WGK) Slightly hazardous to water (WGK 1)

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical name	RESTRICTED SUBSTANCE PER REACH ANNEX XVII	SUBSTANCE SUBJECT TO AUTHORIZATION PER REACH ANNEX XIV
N,N'-Methylenebismorpholine - 5625-90-1	Use restricted. See item 28.	-

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

**15.2. Chemical safety assessment**

Chemical Safety Report No information

**SECTION 16 Other information**

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H373 - May cause damage to organs through prolonged or repeated exposure

H318 - Causes serious eye damage

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H314 - Causes severe skin burns and eye damage

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H341 - Suspected of causing genetic defects

H350 - May cause cancer

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

**Legend**

*	Skin designation	Ceiling	Maximum limit value
STEL	STEL (Short Term Exposure Limit)	TWA	TWA (time-weighted average)

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006