

# Safety Data Sheet

according to UK REACH Regulation

## Foaming Agent

Revision date: 02.06.2021

Product code: 130144

Page 1 of 5

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Foaming Agent

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

##### Use of the substance/mixture

epoxy resin systems

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

Company name:	R&G Faserverbundwerkstoffe GmbH	
	Composite Technology	
Street:	Im Meißel 7 - 13	
Place:	D-71111 Waldenbuch	
Post-office box:	1145	
	D-71107 Waldenbuch	
Telephone:	+49 (0)7157 5304-60	Telefax: +49 (0)7157 5304-70
e-mail:	info@r-g.de	
Contact person:	Michael Groß	Telephone: +49 (0)7157 5304-60
e-mail:	urlaubmg@r-g.de	
Internet:	www.r-g.de	
Responsible Department:	Management	

1.4. Emergency telephone number: Vergiftungs-Informationen-Zentrale Freiburg  
Tel: +49 (0)761 19240

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GB CLP Regulation

This substance is not classified as hazardous in accordance with GB CLP Regulation.

#### 2.2. Label elements

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

##### Further Information

There are no ingredients present which, according to the supplier's current knowledge, are classified as harmful to health or the environment in the applicable concentrations and therefore would have to be stated in this section. There are no ingredients present which, according to the supplier's current knowledge, are classified as harmful to health or the environment in the applicable concentrations and therefore would have to be stated in this section.

Occupational exposure limits, when available, are given in Section 8.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

No action shall be taken involving any personal risk or without suitable training.

##### After inhalation

Remove the affected person to fresh air and immobilize in a position that facilitates breathing. Seek medical attention if symptoms occur.

# Safety Data Sheet

according to UK REACH Regulation

## Foaming Agent

Revision date: 02.06.2021

Product code: 130144

Page 2 of 5

### After contact with skin

Remove the affected person to fresh air and immobilize in a position that facilitates breathing. Seek medical attention if symptoms occur.

### After contact with eyes

Immediately flush eyes with plenty of water and occasionally lift upper and lower eyelids. Check for contact lenses and remove if present. Seek medical attention if irritation occurs.

### After ingestion

Rinse the mouth with water. Remove the affected person to fresh air and immobilize in a position that facilitates breathing. If the substance has been swallowed and the affected person is conscious, give small amounts of water to drink. Do not induce vomiting unless specifically instructed to do so by medical personnel. Seek medical attention if symptoms occur.

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

No known symptoms to date.

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

Provide symptomatic treatment. In case of ingestion or inhalation larger quantities, contact a poison specialist immediately.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use alcohol-resistant foam or water spray or fog. CO<sub>2</sub>.

#### Unsuitable extinguishing media

Do not use water jet. Powders Halogens and halogenated compounds.

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

When fire or if heated, a pressure increase will occur and the container may burst. Exposure to decomposition products may cause a health hazard.

### 5.3. Advice for firefighters

In the event of a fire, immediately seal off the scene and evacuate all persons from the danger area. No action should be taken that involves personal risk or that has not been adequately trained.

Firefighters should wear appropriate protective clothing and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Clothing for firefighters (including helmet, protective boots and protective gloves) that complies with the European Standard EN 469 gives basic protection in case of accidents with chemicals.

### Additional information

Contaminated fire-fighting water must be collected separately. Fire residue and contaminated firefighting water must be disposed of in accordance with government regulations.

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

No action should be taken that involves personal risk or has not been adequately trained. Evacuate the area. Deny access to non-essential and unprotected personnel. Do not touch or walk on spilled substance. Put on appropriate personal protective equipment.

#### For emergency responders

If special clothing is needed to handle the spill, refer to Section 8 on suitable and unsuitable materials. See also information in "For persons who are not rescue workers".

### 6.2. Environmental precautions

Avoid dispersal and run-off of released material and contact with soil, water bodies, drains and sewers. Notify the responsible authorities, if environmental pollution has been caused by the product (sewage systems, surface waters, soil or air).

# Safety Data Sheet

according to UK REACH Regulation

## Foaming Agent

Revision date: 02.06.2021

Product code: 130144

Page 3 of 5

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

#### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Formation of toxic gases is possible during heating or in case of fire.

### 6.4. Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Provide adequate ventilation/vapour extraction at the workplace.

#### Advice on protection against fire and explosion

Take precautionary measures against static discharges.

#### Advice on general occupational hygiene

Wash hands, forearms, and face thoroughly after handling chemical products and at the end of the workday, as well as before eating, smoking, and visiting the restroom. Select appropriate methods for removing contaminated clothing. Wash contaminated clothing before reuse. Ensure that eyewash stations and safety showers are available near the work area.

#### Further information on handling

Eating, drinking and smoking must be prohibited in areas where this substance is used, stored or processed. Persons handling the substance must wash their hands and faces before eating, Wash hands and face before eating, drinking or smoking. Remove contaminated clothing and protective equipment before entering the eating area. See section 8 for further details on hygiene measures.

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

#### Requirements for storage rooms and vessels

B007192 Store according to local regulations. Store only in the original container. Protect from direct sunlight. Store only in dry, cool and well-ventilated areas. Do not store together with incompatible substances and not with foodstuffs or beverages. Keep containers tightly closed and sealed until use. Containers which have been opened should be carefully closed and stored upright to prevent leakage. Do not store in unlabeled containers. Use appropriate container to avoid environmental contamination.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### 8.2. Exposure controls

#### Appropriate engineering controls

No special ventilation requirements. Good ordinary room ventilation should be sufficient to limit worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process chambers, local exhaust ventilation, or other engineering to keep worker exposure below recommended or regulatory limits.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

If required by the risk assessment, protective eyewear complying with a recognized standard should be worn to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, then the following protective equipment must be worn unless the assessment requires a higher level of protection: safety glasses with side shields. If required by the risk assessment, protective eyewear complying with a recognized standard should be worn to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, then the following protective equipment must be worn unless the assessment requires a higher level of protection: safety glasses with side shields.

**Safety Data Sheet**

according to UK REACH Regulation

**Foaming Agent**

Revision date: 02.06.2021

Product code: 130144

Page 4 of 5

**Hand protection**

When handling chemical products, chemical-resistant, impervious gloves conforming to a recognized standard must always be worn when a risk assessment requires it. Material: 730 Camatril. Minimum breakthrough time: 480 min.

**Skin protection**

Before handling this product, personal protective equipment should be selected based on the task to be performed and the risks involved, and approved by a specialist.

**Respiratory protection**

Based on the hazard and risk of exposure, select the respirator that meets the appropriate standards and has the appropriate certifications. Respirators must be used in accordance with the respiratory protection program to ensure proper fit, adequate training, and other important aspects of use.

**Environmental exposure controls**

Emissions from aeration and process equipment should be reviewed to ensure that they meet the requirements of environmental laws. In some cases, exhaust scrubbers, filters, or engineering changes to process equipment will be required to reduce emissions to acceptable levels.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: liquid viscous  
Colour:

**Test method****Changes in the physical state**

Flash point:	130 °C	
Lower explosion limits:	0 vol. %	
Upper explosion limits:	0 vol. %	
Viscosity / dynamic: (at 25 °C)	25 mPa·s	ISO 9371
Water solubility:	immiscible with water	
Density (at 25 °C):	0,998 g/cm <sup>3</sup>	DIN 53217

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

Stable under normal conditions.

**10.2. Chemical stability**

The product is stable.

**10.3. Possibility of hazardous reactions**

Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4. Conditions to avoid**

Keep away from heat, sparks, flame and other ignition sources. Moisture.

**10.5. Incompatible materials**

Reacts violently if combined with:

Strong acids  
strong alkalis  
Alkali (lye)  
Ammonia  
Amines

Reactive or incompatible with the following materials:

Alcohols

# Safety Data Sheet

according to UK REACH Regulation

## Foaming Agent

Revision date: 02.06.2021

Product code: 130144

Page 5 of 5

Oxidising agent

Water, moisture

### 10.6. Hazardous decomposition products

This product may generate hydrogen gas. Keep away from ignition source. Empty container after use should be stored in separate area, and be disposed after degassing completely. Decomposition products may include the following materials: formaldehyde.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in GB CLP Regulation

#### **Irritation and corrosivity**

Possible irritation to skin and mucous membranes.

## SECTION 12: Ecological information

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### **Disposal recommendations**

Dispose of waste according to applicable legislation.

#### **Contaminated packaging**

Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

### **Land transport (ADR/RID)**

#### **Other applicable information (land transport)**

Not restricted

### **Marine transport (IMDG)**

#### **Other applicable information (marine transport)**

Not restricted

### **Air transport (ICAO-TI/IATA-DGR)**

#### **Other applicable information (air transport)**

Not restricted

## SECTION 15: Regulatory information

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

#### **National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

## SECTION 16: Other information

### **Changes**

This data sheet contains changes from the previous version in section(s): 5,10.