

S1E Glass Fibre CRF+ Matting

Pipe Doctor Patch Repair

ECR glass fibre complex.

In accordance with the Commission Directive 91/155/EEC

1. Substance / preparation and name of the company

Identification of the substance:

Product name: Glass Fibre CRF+ Matting.

Details of the supplier of the safety data sheet:

Company: S1E Ltd, Copper House, Unit 2, Barnsley, S72 2BQ.

Telephone: +44 (0)1226 397 015

E-mail address: contact@s1e.co.uk

Emergency telephone number:

+49 (0) 2159 - 675 00-0 (8-17 h)

2. Composition / information on the components

Chemical characterisation: Substance

Production: Glass filament rovings continuously drawn according to the nozzle drawing procedure and coated with a sizing. Then processed to fabric and mat; afterwards the two layers are sewn together.

Components: Continuous filaments made of glass According to DIN 1259 Part 1, an alumino borosilicate / calcium aluminosilicate glass for the general production of glass reinforced plastics and acid-resistant applications. Glass percentage >99 %, sizing percentage <1 % (silane sizing).

3. Possible hazards

In some cases, small broken filaments might cause irritation of the eyes, skin or respiratory tract.

4. First-aid measures

In the event of the following complaints, we recommend taking the following measures:

Breathing difficulties: Leave the site.

Irritation of the skin: Rinse the affected parts of the skin with lukewarm water and soap. Do not rub.

Irritation of the eyes: Rinse the eyes with clear water for several minutes.

5. Fire fighting measures

Textile glass filaments are not combustible, only the packaging is combustible. Suitable extinguishing media are water, foam or powder.

6. Accidental release measures

Personal protective measures: Not applicable.

Environmental protection measures: The product does not cause any ecological risks. For waste disposal, the local waste and residue regulations must be observed. The Reststoffbestimmungsverordnung [German Ordinance on the Regulations of the Destination of Residues] applies.

Cleaning method: No special regulations must be observed.

7. Handling and storage

Handling: For persons with pronounced sensitisation for irritations of the skin, we recommend avoiding contact with the skin. Do not rub.

Storage: The material should be stored in its original packaging dry and without direct exposure to sunlight. We recommend storage temperatures between 10°C and 35°C and a relative humidity between 40 and 70%.

8. Exposure controls and personal protective equipment

Exposure limit value(s): None.

Personal protective equipment:

Body protection: No special measures must be observed; chafing of areas, however, is to be avoided.

Breathing protection: No special measures must be observed; in some cases, we recommend wearing a paper mask (protection level 1).

Eye protection: No special measures must be observed; in some cases, we recommend wearing safety goggles.

9. Physical and chemical properties

Form: Fabric made of glass rovings and powderbound glass mat sewn together as complex to flat web material, wound onto rolls.

Colour: White

Odour: Odourless

9. Physical and chemical properties - continued.

Physical and chemical properties:

ph value: Not applicable.

Change of state: Softening point - approx. 700-900°C
Melting point - approx. 1100-1140°C

Flashing point: Not applicable.

Flammability: Only the sizing and the sewing cotton decompose when temperatures of approx. 400°C are exceeded.

Ignition temperature: Not applicable.

Self-ignitability: Not applicable.

Vapor pressure: Not applicable.

Density: 2,61 g/cm³

Solubility: Insoluble in water.

10. Stability and reactivity

Hazardous reaction: Complex, acid-resistant mat fabrics are products that cannot cause any hazardous reactions.

Hazardous decomposition products: Not applicable.

11. Toxicological information

The product does not contain any toxic and/or hazardous substances or preparations within the meaning of the Gefahrenstoffverordnung [German Ordinance on Hazardous Substances] and/or within the meaning of Article 3 of the Chemikaliengesetz [German Chemicals Act].

It is important to keep in mind that these fibres are not inhalable and, thus, cannot have a carcinogenic effect. This is due to the fact that their diameter exceeds 3 µm and is thus beyond the limit value for inhalable fibres. Item 2.3 of TRGS 905 [technical rule for hazardous substances], published in June 1997, is not applicable.

The general principles in the field of industrial hygiene for fibres with a diameter >3 µm that might be generated or released during processing listed in no. 4 of TRGS 521 – fibre dusts – in the version of May 2002 must be observed.

12. Ecological information

The product does not cause any ecological risks; however, it does not biodegrade.

13. Disposal considerations

Dispose of the product in accordance with the Abfall- und Reststoffbestimmungsverordnung [German Ordinance on the Regulations of the Destination of Waste and Residues]. Waste code no. EAK 101 103.

14. Transport information

The product is not classified as a hazardous good within the meaning of the transport regulations.

15. Regulations

The product is not subject to labelling in accordance with the Gefahrgutverordnung [German Ordinance on Hazardous Goods].

Please Note: The above information describes safety-relevant issues according to the current level of our knowledge and does not represent any quality features nor do they release the users from their personal responsibility when handling glass fibre complexes and from observing the statutory regulations and requirements.

This information is provided in good faith and is correct to the best of S1E Limited's knowledge as of the date hereof and is designed to assist our customers; however, S1E makes no representation as to its completeness or accuracy. Our products are intended for sale to industrial and commercial customers. We require customers to inspect and test our products before use and to satisfy themselves as to suitability for their specific applications. Any use which S1E customers or third parties make of this information, or any reliance on, or decisions made based upon it, are the responsibility of such customer or third party. S1E disclaims responsibility for damages, or liability, of any kind resulting from the use of this information.

THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THIS INFORMATION OR TO THE PRODUCT IT DESCRIBES. IN NO EVENT SHALL S1E BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

S1E Limited Specialist Suppliers of Trenchless Technology

No-dig Pipeline Repair

S1E Limited is a specialist supplier of trenchless technologies to the drainage repair industry. The company focuses on sourcing quality products for professional use. They are all tried and tested in the field to produce impressive results. S1E distributes high-quality products from market-leading manufacturers for the drainage repair industry. Products include camera inspection systems, cutting and cleaning tools, CIPP lining equipment and consumables, mechanical point repair devices, rat blockers and other site consumables.

S1E Limited is committed to being a quality supplier, with a focus on customer service. S1E is proud to be an active member of the UK Society for Trenchless Technology.

First established in 2007 as Fernco Environmental, the company's mission was to seek out repair products for the infrastructure repair and water management markets. Since 2016, it has re-focused its ranges to the specialist field of trenchless repair, with a growing portfolio in this specialist area.

The company is owned by Cooper Companies Inc, a US-based leader in the production of pipe couplings. The Group also owns companies in Canada, Mexico, Brazil, Germany and France, as well as the UK-based sister company to S1E, Fernco (previously, Flexseal).

It is accredited to ISO 9001: 2015 for its Quality Management System. It is also accredited to ISO 14001: 2015 for its Environmental Management System.



+44 (0)1226 397 015



contact@s1e.co.uk



www.s1e.co.uk



Cooper House, Unit 2, Spring Hill Road, Grimethorpe, Barnsley, S72 7BQ

