

Material Safety Data Sheet (MSDS) – Flexitec 2020 CSM Fibreglass Reinforcement

1. Identification of the Substance/Preparation and the Company

Product Name Flexitec 2020 CSM Fibreglass Reinforcement

Supplier Res-Tec Limited
 Unit 25
 Castle Park Industrial Estate
 Flint
 Flintshire
 CH6 5XA

Tel / Emergency Tel +44 (0) 845 4504 193

Email enquiries@res-tec.co.uk

2. Hazards Identification

2.1. Classification of the substance or mixture

Product definition : N/A

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
 Not Classified

2.2. Label elements

Hazard pictograms: None.

Signal word: Not Applicable.

Hazard Statements: None.

Precautionary Statements
 Prevention: None
 Response: None

Supplement Statements

Storage: None

Disposal: None

3. Composition/Information on Ingredients

Ingredient	Concentration	Regulation (EC) No. 1272/2008 [CLP]
Fibreglass Continuous Filament EC 266-046-0 CAS: 65997-17-3	98% - 100%	Not Subject to Regulations
Polyvinyl Acetate	0% - 2%	

Refer to Section 16 for additional wording.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

4. First Aid Measures

4.1. Description of first aid measures

General	- In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
Inhalation	- In extreme cases move affected person to the fresh air. If any symptoms persist obtain medical attention.
Ingestion	- Ingestion of this material is unlikely. If it does occur observe the person for several days to ensure that intestinal blockage does not occur.
Skin Contact	- Flush contaminated skin with plenty of water. Use a mild detergent to remove. Do not rub or scratch irritated areas
Eye Contact	- Check for and remove any contact lenses. Continue to rinse for at least 15 minutes. Get medical attention, if symptoms persist.
Protection of First Aiders	- No action shall be taken involving any personal risk or without suitable training.

4.2. Most Important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact: May cause eye irritation

Inhalation: Dust and Fibres may cause irritation of the respiratory tract

Skin contact: May cause itching and temporary skin irritation

Ingestion: May cause mechanical irritation

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

Notes to Physician: Treat symptomatically.

5. Fire Fighting Measures

5.1. Extinguishing Media

Small fire: Use dry chemical powder.

Large fire: Alcohol-resistant foam, water spray or fog.

For safety reasons unsuitable extinguishing agents: N/A

5.2. Special hazards arising from the substance or mixture

Fibreglass will not burn, but smoking of the product may occur at c. 200-260°C. Fire will produce dense black smoke. Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke

5.3. Advice for firefighters

Protective equipment: Appropriate breathing apparatus may be required.

6. Accidental Release Measures

6.1. Personal Precautions protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area. Avoid breathing fibres.
Refer to protective measures listed in sections 7 and 8. If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

6.2. Environmental precautions

Do not allow to enter drains or watercourses.

6.3. Methods and material for containment and cleaning up:

Contain and collect spillage and place in suitable container for disposal as non-hazardous waste

6.4. Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information

7. Handling and Storage

7.1. Precautions for Safe Handling

Protective Measures & Advice on General Occupational hygiene
No special handling procedures

7.2. Conditions for safe storage, including incompatibilities

No Special storage procedures but keep dry

7.3. Specific end use(s)

Not Available

8. Exposure Controls / Personal Protection

8.1. Control parameters

Product/Ingredient Name	Exposure Limit Value
Continuous Glass Filament	EH40/2005 WELs (United Kingdom (UK), 12/2011). TWA: 5mg/m ³ 8 hours (respirable dust) TWA: 10mg/m ³ 8 hours.(total dust) TWA: 2 fibres/ml (respirable fibres)

Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the Assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

N/A

PNECs

N/A

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

Personal protective equipment

General protective and hygienic measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location

Breathing equipment: Not usually required. Dust mask if high level of dust are encountered

Protection of hands: There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

Eye protection: Safety glasses with side shields. (EN166)

Body Protection: Wear overalls or long sleeved shirt. (EN 467)

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance:	
Form:	Chopped Strand mat
Colour:	Off White
Odour:	None
Odour threshold:	Not Applicable
pH-value:	Not Applicable
Change in condition	
Melting point/Melting range:	Not Applicable
Initial Boiling point/Boiling range:	Not Available
Flash point:	Not Applicable
Evaporation Rate:	Not Applicable
Flammability (solid, gaseous)	Not Applicable
Critical values for explosion:	
Lower:	Not Applicable
Upper:	Not Applicable

Vapour pressure at 20°C:	Not Applicable
Vapour density:	Not Applicable
Relative Density:	2.6 g/cm ³
Solubility in / Miscibility with Water:	Insoluble in water
Partition coefficient (n-octanol/water):	Not Available
Auto Ignition temperature:	Not Applicable
Decomposition Temperature:	Not Available
Viscosity:	Not Applicable
Explosive Properties:	Not Applicable
Oxidising Properties:	Not Applicable

9.2. Other information

No Additional Information

10. Stability and Reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients

10.2. Chemical stability

Conditions to be avoided: Not Applicable

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

Not Applicable

10.5. Incompatible materials:

Not Applicable

10.6. Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced. If involved in a fire, gases including CO, CO₂

11. Toxicological Information

11.1. Information on toxicological effects

There are no data available on the product itself

12. Ecological Data

12.1. Toxicity

There is no data available on the product itself

Do not allow to enter drains or watercourses

13. Disposal Considerations

13.1. Waste treatment methods

Recommendation

The generation of waste should be avoided or minimised wherever possible.
The product is not considered as hazardous waste

Hazardous Waste:

No

Disposal considerations

Do not allow to enter drains or watercourses.
Dispose of according to all federal, state and local applicable regulations.
For further information, contact your local waste authority.

European Waste catalogue (EWC)

10 11 03 Waste Glass fibrous materials

14. Transport Information

NOT Classified

15. Regulatory Information

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

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

CN Code: 7019 11 00

EU regulation (EC) 1907/2006 (REACH)

Annex XIV – List of substances subject to authorization

Annex XIV: None of the components are listed

Substances of very high concern: None of the components are listed

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable

Other EU Regulations

VOC for Ready-for-use mixture: Not Applicable

Europe inventory: All components are listed or exempted.

National regulations

16. Other Information

Note

The information contained in the Safety Data Sheet is based on our data available on the date of publication. The information is intended to aid the user in controlling the handling risks; it is not to be construed as a warranty or specification of the product quality.

The information may not be or may not altogether be applicable to combinations of the product with other substances or to particular applications.

The user is responsible for ensuring that appropriate precautions are taken and for satisfying themselves that the data are suitable and sufficient for the product's intended purpose. In case of any unclarity we advise consulting the supplier or an expert.

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