

# SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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## Flowdur SL AS Carbon Fibre (Part D)

Revision 0  
Revision date 2015-06-23

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

#### 1.1. Product identifier

<b>Product name</b>	Flowdur SL AS Carbon Black Fibre (Part D)
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#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

<b>Description</b>	Restricted to professional users. Component Of A Four Pack Polyurethane Floor Screed.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Company</b>	Virtus Resins
<b>Address</b>	The Shippon, Faenol Pentrecelyn Ruthin LL15 2SP
<b>Web</b>	www.epoxyresinsuppliers.co.uk
<b>Telephone</b>	+44 (0)1978 790 744
<b>Fax</b>	
<b>Email</b>	info@epoxyresinsuppliers.co.uk
<b>Email address of the competent person</b>	info@ epoxyresinsuppliers.co.uk

#### 1.4. Emergency telephone number


<b>Emergency telephone number</b>	+44 (0)1978 790 744  8.30am to 5.00pm Mon - Fri
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### SECTION 2: Hazards identification

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

<b>2.1.1. Classification - 67/548/EEC</b>	Xi; R36/37/38 Symbols: Xi: Irritant.
<b>Main hazards</b>	Irritating to eyes, respiratory system and skin.
<b>2.1.2. Classification - EC 1272/2008</b>	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;

#### 2.2. Label elements

<b>Hazard pictograms</b>	
<b>Signal Word</b>	Warning
<b>Hazard Statement</b>	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation.

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## 2.2. Label elements

Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.
Precautionary Statement: Storage	P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

## 2.3. Other hazards

Other hazards	No data available.
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## SECTION 3: Composition/information on ingredients

## 3.1. Substances

## 67/548/EEC / 1999/45/EC

Chemical Name	Ind ex No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Carbon Black Fibre					90 - 100%	Xi; R36/37/38	

## EC 1272/2008

Chemical Name	Ind ex No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Carbon Black Fibre					90 - 100%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;	

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. If irritation is experienced, mouth and throat may be rinsed with water. Particles adhering to the nasal cavity may be rinsed/diluted with saline/plain water. If irritation or asthma-like symptoms persist seek medical attention.
Eye contact	Flush Immediately eye thoroughly with clean water. Consult a physician immediately if irritation persists.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water.
Ingestion	Drink water to assist with dilution. Do not induce vomiting. Act immediately in order to prevent further irritation of mouth, throat and stomach mucosa. If symptoms persist, if persistent vomiting occurs or blood tinged vomitus is present, seek medical advice.

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

Inhalation	No data is available on this product.
Eye contact	No data is available on this product.
Skin contact	No data is available on this product.
Ingestion	No data is available on this product.

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

Inhalation	No data is available on this product.
Eye contact	No data is available on this product.

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

Skin contact	No data is available on this product.
Ingestion	No data is available on this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

No specific extinguishing media is needed.

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

Not explosive, auto-flammable or flammable. The product itself will not burn. Fibre or dust may glow in an oxygen-containing atmosphere above 350°C. When glowing and during combustion carbon monoxide and carbon dioxide are generated.

#### 5.3. Advice for firefighters

Self-contained breathing apparatus, protective clothing, protective gloves, helmet.

### SECTION 6: Accidental release measures

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

Avoid airborne dust generation. Wear personal protective equipment in compliance with national legislation.

#### 6.2. Environmental precautions

Avoid dust/fibre spillage into drains, sewers or surface water.

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

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation.

#### 6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid airborne generation.  
Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment.

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

Minimise airborne dust generation and prevent wind dispersal during the loading and unloading. Keep containers closed and store packaged products so as to prevent bursting.

#### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Are listed on the following items according to where it is going to be used.

#### 8.2. Exposure controls



Eye / face protection  
Skin protection -  
Handprotection

Wear eye/face protection.  
Chemical resistant gloves.

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## 8.2. Exposure controls

Skin protection - Other Respiratory protection	Wear suitable protective clothing.
	Provide local exhaust or general ventilation system to control dust levels below the 8hrTWA level. Avoid creating airborne dust conditions. Local exhaust ventilation is preferred since it prevents the release of contaminants in to the work area by controlling it at the source. If local or general ventilation is not adequate to control dust levels below exposure limits, use OES approved respirators.
Thermal hazards	No data is available on this product.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	Black
Odour	Odourless
Odour threshold	No data available
pH	No data available
Melting point	Not applicable.
Freezing Point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Inert, not reactive.
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## 10.2. Chemical stability

	Chemically Stable.
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## 10.3. Possibility of hazardous reactions

	No hazardous reactions.
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## 10.4. Conditions to avoid

	Not relevant.
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## 10.5. Incompatible materials

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## 10.5. Incompatible materials

No particular incompatibility.

## 10.6. Hazardous decomposition products

Not explosive, auto-flammable or flammable. The product itself will not burn. Fibre or dust may glow in an oxygen-containing atmosphere above 350°C. When glowing and during combustion carbon monoxide and carbon dioxide are generated.

**SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	Not relevant.
Serious eye damage/irritation	No data is available on this product.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.

## 11.1.4. Toxicological Information

No data available

**SECTION 12: Ecological information**

## 12.1. Toxicity

No data available

## 12.2. Persistence and degradability

No data is available on this product.

## 12.3. Bioaccumulative potential

No data is available on this product.

## Partition coefficient

Flowdur SL AS Carbon Fibre (Part D) No data available

## 12.4. Mobility in soil

No data is available on this product.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

No data is available on this product.

**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Completely empty the packaging and process it according to local legislation.

**SECTION 14: Transport information**

## 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

## 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

## ADR/RID

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<b>ADR/RID</b>	
	The product is not classified as dangerous for carriage.
<b>IMDG</b>	
	The product is not classified as dangerous for carriage.
<b>IATA</b>	
	The product is not classified as dangerous for carriage.
<b>SECTION 15: Regulatory information</b>	
<b>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	
	<p>"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), 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".</p> <p>"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".</p>
<b>15.2. Chemical safety assessment</b>	
	For advice on essential measures see sections 7 and 8 of this safety data sheet.
<b>SECTION 16: Other information</b>	
<b>Other information</b>	
<b>Text of risk phrases in Section 3</b>	R36/37/38 - Irritating to eyes, respiratory system and skin.
<b>Text of Hazard Statements in Section 3</b>	<p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>STOT SE 3: H335 - May cause respiratory irritation.</p>
<b>General information</b>	
	This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy.
<b>Further information</b>	
	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.