



# SAFETY DATA SHEET

## Vari-Preg™ PrePreg Carbon Fibre 215g and 430g

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

**Product name** Vari-Preg™ PrePreg Carbon Fibre 215g and 430g  
**Company** Easy Composites Ltd  
 Unit 39  
 Park Hall Business Village  
 Longton, Stoke-on-Trent  
 ST3 5XA  
 United Kingdom

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**Telephone** +44 (0)1782 454499

### 2. HAZARDS IDENTIFICATION

**Appearance** Carbon fabric pre-impregnated with epoxy resin mixture.  
**Odour** Negligible  
**Risk To Health** H 302 Noxious if swallowed  
 H 317 May cause allergic skin reaction  
**Physical Hazards** None  
**Fire And Explosion Hazards** Inflammation point: 3150 °C  
 Explosion hazard: None  
**Harmful Decomp. Products** CO<sub>2</sub>, CO, nitrogen oxides

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No:	EC No:	%	PEL (TWA)	TLV (TWA)
Epoxy Resin	25068-38-6	500-033-5	19 - 27	No Data	No Data
Epoxy Novolac Resin	28064-14-4	NA	16 - 23	No Data	No Data
MEK	78-93-3	201-159-0	0 - 2	900 mg/m <sup>3</sup>	600 mg/m <sup>3</sup>
Carbon Fabric	7740-44-0	NA	Carrier	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (inhalation)	10 mg/m <sup>3</sup> (total) 3 mg/m <sup>3</sup> (inhalation)

### 4. FIRST AID MEASURES

**Skin contact** Wash immediately and carefully with water and soap. Do not use solvents.  
**Eye contact** Wash immediately and carefully with plenty of water keeping eye-lids open and if necessary consult a Doctor.  
**Ingestion** Do not induce vomiting, consult a Doctor.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media** CO<sub>2</sub>, dry powder, water spray.  
**Protective equipment** Use self-contained breathing apparatus and wear protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

**Clean up methods** Remove the spilled material, using plastic or rubber gloves and dispose of as non-hazardous waste.

## 7. HANDLING AND STORAGE

**Handling** Handle the material with protective gloves and in a well ventilated room or near an exhaust duct.

**Storage** Store in its original package, until use, at temperature <25°C. No incompatibility with other products is known of or reasonably foreseen.

**Conditions to Avoid** Avoid prolonged and sustained contact with skin

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering practices** Proper observation of good technical practice is generally sufficient.

**Skin protection** Plastic or rubber gloves

**Respiratory protection** Not necessary if there is adequate ventilation.

**Eye protection** Not necessary

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Vapour Pressure** @ 25°C Negligible

**Appearance** Flexible Solid

**Colour** Black

**Volatile Content** <1% By Weight

**Odour** Slight

**Inflammable Point** ≥150°C

**Decomp. Temperature** ≥250°C

**Self Ignition Point** ≥290°C

**Specific Gravity** ≥1.7 g/cm<sup>3</sup>

**Solubility** Insoluble In Water

## 10. STABILITY AND REACTIVITY

**Stability** The product is stable at room temperature.

**Materials to avoid** No specific incompatibilities.

**Hazardous decomp. products** Carbon monoxide, carbon dioxide, oxides of nitrogen, formaldehyde and phenol.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation** Can cause difficulty breathing.

**Ingestion** Can cause disturbances to digestive System

**Skin** irritant

**Eyes** irritant

**Health warnings** Epoxy resins may produce eye and skin irritation after prolonged and extended exposure.

## 12. ECOLOGICAL INFORMATION

**Environmental hazards** When used in accordance with good practice, the product does not present any hazard to the environment.

**Biodegradability** The product does not float in water and it is not biodegradable.

### 13. DISPOSAL CONSIDERATIONS

**General information** Dispose of in compliance with all local and national regulations.

### 14. TRANSPORT INFORMATION

**Further information** The product is not classified as dangerous for carriage.

### 15. REGULATORY INFORMATION

**Regulations** (CE) 1907/2006. REACH

### 16. OTHER INFORMATION

**Hazard Symbol**



**Hazard Statements**

H 302 Harmful if swallowed  
H 317 May cause allergic skin reaction

**Precautionary Statements**

P 202 Read the warnings before use.  
P 302 + P 352 in case of contact with the skin wash thoroughly with water and soap.  
P 305 + P 351 + P 353 In case of contact with eyes: wash carefully with water and seek medical advice.  
P 281 Use safety equipment.

**Further Information**

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.