

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Name of product : S&P Laminates CFK 150/2000  
S&P Laminates CFK 200/2000

Application : reinforcement elements in sandwich constructions

Manufacturer/distributor : S&P Clever Reinforcement Company AG  
Seewernstrasse 127  
CH-6423 Seewen/SZ

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**2. COMPOSITION/DATA ON COMPONENTS**

Composite of carbon fibres and cured epoxy resin.

**3. HAZARDS IDENTIFICATION**

Product is under prestress when delivered in rolls.

Product can cause skin irritation at sensitive people (for example allergic people).  
Sensitisation after skin contact is possible.

**4. FIRST AID MEASURES**After skin contact:

Clean skin with water and cleaning agent.

After eye contact:

Product consists of a solid substance. Irrigate the eyes with water. When complaints occur, contact a doctor.

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media: Water in spread jet, dry chemicals, foam or carbon dioxide.  
Special exposure hazard: Principal toxicants in the smoke are carbon monoxide and/or carbon dioxide.  
Small amounts of monomers, other decomposition products and hydrogen cyanide may be released.  
Protective clothing: protective suit, protective gloves, protective boots, circulating-air-independent breathing apparatus.

**6. ACCIDENTAL RELEASE MEASURES**

Not relevant.

**7. HANDLING AND STORAGE**

Cool and dry storage. Avoid heat and direct insolation.  
During machining and treatment of the product small amounts of dust may be released. Provide adequate ventilation. Avoid inhalation of dust. Dust from the product always gives a potential risk for dust explosion. All equipment shall be grounded.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Provide adequate ventilation. Local exhaust ventilation may be necessary.

No special protective clothing necessary. Hands should be cleaned after handling the product.

Wear protective glasses and a dust mask, when small amounts of dust are generated during machining. Inhalation of dust and fumes should be avoided as it may cause irritation of the respiratory system.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: solid, in rolls or strips  
Density: 1,4 g/cm<sup>3</sup>  
Solubility: insoluble in water

**10. STABILITY AND REACTIVITY**

The product is chemical stable. However, under special conditions chemical reactions may occur. Therefore, avoid electrostatic charge, overheating and strong oxidising agents.  
Decomposition starts at 250°C. Hazardous decomposition products: carbon monoxide and hydrogen cyanide.

**11. TOXICOLOGICAL INFORMATION**

If the product is handled properly and applied correctly our experiences have not shown any harmful effects on human health.

**12. ECOLOGICAL INFORMATION**

The product is not considered dangerous for the environment.

**13. DISPOSAL CONSIDERATIONS**

The product can be disposed or burned in a waste disposal site according to local instructions. Disposal according to EWC (European Waste Catalogue) under No. 170203 (epoxy resin).

**14. TRANSPORT INFORMATION**

According to national and international guidelines, which regulate the road-, rail-, air- and sea transport, this product is classified as not dangerous.

**15. REGULATORY INFORMATION**

No danger of water pollution (VwVwS (Germany) from the 17th of march 1999, annexe 1).

According to the ChemG there is no duty of identification.

**16. OTHER INFORMATION**

For further information about material safety contact:

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6440 Brunnen / Switzerland  
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Fax ++41 41 825 00 75

The information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding environment, health and safety in conjunction with the product. They are not to be interpreted as a warranty for specific product characteristics.