

# Safety data sheet

**S-Ply® yellow / S-Ply® yellow HT / S-Ply® blue / S-Ply® carbon**

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Conformity with guideline EC 1907/2006 (REACH)

Date: 31.01.2021

## 1. Product details

### 1.1 Trade name

S-Ply composites

### 1.2 Application of the substance / the preparation

Multiple applications

### 1.3 Manufacturer / Address

P.J. Prause Durotec GmbH

Dieselstrasse 14

59823 Arnsberg

Germany

### 1.4 Further information obtainable from: Product safety department

Tel.: +49 (2931) 6540

E-Mail: info@prause-durotec.de

## 2. Composition / information on ingredients

Glass fibre, impregnated with epoxy resin (bisphenol-A basis), tempered.

Hazardous components	Weight %	CAS-No.	R phrases
Epoxy Novolak - symbol Xi, N	15 – 30	28064-14-4	36/38 . 43 . 51/53
Bisphenol-A-Epoxy resin (MG <= 700). Symbol: Xi, N	3 – 7	25068-38-6	36/38 . 43 . 51/53

## 3. Possible hazards

### Hazard description

Hazard description: not applicable

### Information pertaining to specific risks for humans and environment

Harmful if swallowed

## 4. First aid measures

### After inhalation

Not applicable

### After skin contact

Not applicable

### After swallowing

Drink water. Do not induce vomiting. Consult doctor.

Not applicable in case of unconsciousness or cramps.

### Instructions for doctor

Not applicable

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### 5. Fire fighting measures

#### Suitable extinguishing agents

Water, carbon dioxide, foam

#### Unsuitable extinguishing agents due to safety reasons

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#### Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In the process of combustion, fire produces carbon monoxide, carbon dioxide as well as other toxic gases and vapours (e.g. NOx).

#### Special protective equipment for fire-fighters

In case of fire, put on breathing apparatus that does not depend on circulating air.

### 6. Accidental release measures

Person-related safety precautions: not applicable

Measures for environmental protection: not applicable

Measures for cleaning: not applicable

### 7. Handling and storage

#### 7.1. Handling

While cutting S-Ply material, use extraction or breathing protection (glass and resin dust).

While handling S-Ply material, protective gloves are recommended (glass and resin dust).

#### 7.2. Storage

Keep dry and UV-protected

#### 7.3. Specific uses

Not applicable

### 8. Exposure controls / personal protection

#### 8.1. Exposure limit values

Components with specific control parameters:

no workplace-related limit values

#### 8.2. Exposure controls

Not applicable

##### 8.2.1 Occupational exposure controls

**Respiratory protection:** recommended while cutting S-Ply material (glass and resin dust)

**Protection of hands:** When handling S-Ply material

**Eye protection:** unnecessary

**Body protection:** unnecessary

##### 8.2.2. Exposure controls

Not applicable

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## 9. Physical and chemical properties

### 9.1. General information

**Form:** layers or strips  
**Physical state:** solid  
**Colour:** S-Ply® yellow: yellow / S-Ply® yellow HT: yellow / S-Ply® blue: blue / S-Ply® carbon: black  
**Odour:** odourless

### 9.2. Important health, safety and environmental information

**pH-value:** not applicable

### 9.3. Other specifications

**Exposure limits:** not applicable  
**Ignition temperature:** > 350 °C  
**Change in condition:** none  
**Solubility in / miscibility with:** insoluble

## 10. Stability and reactivity

### Conditions to be avoided

Product is stable if used according to specification.

### Materials to avoid

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### Hazardous decomposition products

**Thermal decomposition:** Slow decomposition of product at residual high temperatures (> 250 °C).

**Hazardous decomposition products:** Occurrence of toxic products during thermal decomposition.

**Hazardous reactions:** No known hazardous reactions under normal conditions of use.

## 11. Toxicological information

No studies have been identified.

## 12. Ecological information

### 12.1 Ecotoxicity

Water hazard class 1: slightly hazardous to water (self-assessment)

### 12.2 Mobility

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### 12.3 Persistence and degradability

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### 12.4 Bioaccumulation potential

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### 12.5 Other adverse effects

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### 13. Disposal considerations

Disposal must be implemented in compliance with local regulations

European waste catalogue: No. 07 02 99

### 14. Transport information

Overland transport ADR/RID and GGVS/GGVE

ADR/RID-GGVS/GGVE class: –

UN number: –

Digit / character: –

Hazard label: –

Danger code (Kemler): –

Description of goods: –

Maritime transport IMDG/GGV Sea

IMDG/GGV Sea class: –

Packaging group: –

Label: –

EMS number: –

UN number: –

MFAG: –

Correct shipping name: –

Air transport ICAO-TI and IATA-DGR

ICAO-TI/IATA-DGR: –

Danger label: –

UN/ID number: –

Packaging group: –

Correct shipping name: –

This product is not subject to regulations for the transport of hazardous goods.

### 15. Regulatory information

Labelling according to EU guidelines / Ordinance on Hazardous Materials

This product is not a hazardous substance as defined in hazardous materials regulations / relevant EU guidelines (67/584/EEC and 88/379/EEC).

#### R-phrases

R 22 Harmful if swallowed

#### S-phrases

S 20/21 When using do not eat, drink or smoke.

### 16. Other information

Full text of the relevant R-phrases of substances from section 2.

R 36/38 Irritating to eyes and respiratory system.

R 43 May cause sensitisation by skin contact.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in aquatic environments.

The material meets all applicable requirements of the following regulations:

- EU Directive 2000/53/EC on end-of-life vehicles
- EU Directive 2002/95/EU on the restriction of the use of certain hazardous substances in electrical and electronic devices
- EU Directive 2003/11/EU on restrictions on the marketing and use of certain dangerous substances and preparations