



Safety Data Sheet

according to UK REACH Regulation

Aramid fabrics, tapes, braided sleeves, rovings, yarns, chopped strands

Revision date: 25.01.2024

Product code: 190119-2010

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

1.1. Product identifier

Aramid fabrics, tapes, braided sleeves, rovings, yarns, chopped strands

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name:	R&G Faserverbundwerkstoffe GmbH	
	Composite Technology	
Street:	Im Meißel 7 - 13	
Place:	D-71111 Waldenbuch	
Post-office box:	1145	
	D-71107 Waldenbuch	
Telephone:	+49 (0)7157 5304-60	Telefax: +49 (0)7157 5304-70
E-mail:	info@r-g.de	
Contact person:	Michael Groß	
Internet:	www.r-g.de	
Responsible Department:	Management	

1.4. Emergency telephone number: Vergiftungs-Informations-Zentrale Freiburg
Tel: +49 (0)761 19240

SECTION 2: Hazards identification

2.2. Label elements

2.3. Other hazards

Vigorous abrasion of para-aramid products can yield microscopic fibrous dust particles. Prolonged inhalation of fine fibrous dust at high concentration may cause lung damage.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

para-aramid (AR) fibre and derived products

Hazardous components

none (according to UK REACH Regulation)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Treat eye damage, cuts, burns, skin irritation and other skin lesions symptomatically - like other injuries of the same kind.

After inhalation

Remove to fresh air

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

All usual fire extinguishing media are suitable.

5.3. Advice for firefighters



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Wear breathing apparatus without recirculating air and suitable protective clothing.

SECTION 6: Accidental release measures

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
26125-61-1	p-Aramid respirable fibres	-	-	0.5	TWA (8 h)	WEL

Additional advice on limit values

Use proper workplace ventilation. Avoid accumulation and discharges of static electricity in the presence of flammable/explosive materials.

8.2. Exposure controls

Appropriate engineering controls

See local regulations. In their absence, it is recommended that the average concentration of respirable fibre-shaped particles (RFP's) derived from para-aramid products be maintained below 2 fibrils per ml of work place air.

Individual protection measures, such as personal protective equipment

Respiratory protection

Respirators - only if control limits are exceeded and processing conditions require it (poor ventilation, copious abrasion-induced fine dust).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Multi-filament yarn, staple fibre, fabrics, floc and/or pulp.
Colour:	golden yellowish
Odour:	odourless
Water solubility:	insoluble
Density (at 20 °C):	1,44 - 1,45 g/cm ³

SECTION 10: Stability and reactivity

10.5. Incompatible materials

alkaline substances and acids

10.6. Hazardous decomposition products

Small quantities of carbon monoxide, ev. also traces of nitrogen oxides and hydrocyanic acid.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

LD50: oral rat > 7500 mg/kg



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ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l; ATE (inhalation gas) > 20000 ppm

SECTION 12: Ecological information

12.2. Persistence and degradability

not biodegradable

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

SECTION 13: Disposal considerations

13.1. Waste treatment methods**Disposal recommendations**

The product must be disposed of by an approved company in accordance with the local government regulations.

SECTION 14: Transport information

Land transport (ADR/RID)**Other applicable information (land transport)**

Not restricted

Marine transport (IMDG)**Other applicable information (marine transport)**

Not restricted

Air transport (ICAO-TI/IATA-DGR)**Other applicable information (air transport)**

Not restricted

SECTION 15: Regulatory information

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

SECTION 16: Other information

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)