

Safety Data Sheet

according to Regulation (EC) No. 1907/2006

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

Print date: 22.08.2011

Product code: 190119-2010

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1. Identification of the substance/mixture and of the company/undertaking

Identification of the substance or mixture

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

Company/undertaking identification

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:	+49-7157-530460	Telefax: +49-7157-530470
e-mail:	info@r-g.de	
Internet:	www.r-g.de	
Responsible Department:	Management	
Emergency telephone:	poison information centre	

2. Hazards identification

Explication of special hazards for human health and environment

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.

3. Composition/information on ingredients

Chemical characterization (Mixture)

para-aramid (AR) fibre and derived products

4. 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

Bring the patient out into the fresh air.

5. Fire-fighting measures

Suitable extinguishing media

All usual fire extinguishing media are suitable.

Special protective equipment for fire-fighters

Wear breathing apparatus without recirculating air and suitable protective clothing.

6. Accidental release measures

7. Handling and storage

Handling

Storage

8. Exposure controls/personal protection

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Exposure limit values

Exposure limits (EH40)

CAS No.	Chemical name	ml/m ³	mg/m ³	F/ml	Category	Origin
26125-61-1	p-Aramid respirable fibres	-	-	0.5	TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

Additional advice on limit values

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

Exposure controls

Occupational exposure 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.

Respiratory protection

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

9. Physical and chemical properties

General information

Physical state: Multi-filament yarn, staple fibre, fabrics, floc and/or pulp.
Colour: golden
Odour: odourless

Important health, safety and environmental information

Test method

Changes in the physical state

Density (at 20 °C): 1,44 - 1,45 g/cm³
Water solubility: insoluble

10. Stability and reactivity

Materials to avoid

alkaline substances and acids

Hazardous decomposition products

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

11. Toxicological information

Acute toxicity

LD50: oral rat > 7500 mg/kg

12. Ecological information

Persistence and degradability

not biodegradable

13. Disposal considerations

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Advice on disposal

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

14. Transport information

Land transport (ADR/RID)

Other applicable information (land transport)

Not restricted

Marine transport

Other applicable information (marine transport)

Not restricted

Air transport

Other applicable information (air transport)

Not restricted

15. Regulatory information

Labelling

National regulatory information

16. Other information

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