



SAFETY DATA SHEET: SD/S03

in accordance with 91/155/EC and § 14 Regulation on Dangerous Substances (GefStoffV).
Revised on 05.02.2003

1. Identification of the substance /preparation and of the company

Information on the product

The safety data sheet is valid for the following products:

Trade name

ARMIERGEWEBE
reinforcement mesh

Information on the manufacturer / supplier

Manufacturer/Supplier:	KNAUF MARMORIT GmbH
Street/PO Box:	Ellighofen 6
Country code/Postcode/Town:	D-79283 Bollschweil
Telephone:	(0 76 33) 8 10-0
Fax:	(0 76 33) 8 10-113
Contact for information:	Quality control
Telephone:	(0 76 33) 8 10-142
Emergency information:	Advice Centre for Symptoms of Poisoning and Embryo Toxicology, Berlin
Emergency number:	(0 30) 1 92 40

2. Composition/information on ingredients

Description:

Products from textile glass filament fibres with a nominal diameter > 5µm.
The meshes contain a maximum of 22% proportion of weave auxiliary agent and finishing components, the basis of which is polyvinyl alcohol and a polymer dispersion.

Dangerous components:

Not applicable

3. Hazards identification

Identification of hazards:

Not applicable

Special hazards for humans and the environment:

Not applicable

R phrases:

Not applicable

4. First aid measures

General information:

When handled in accordance with specifications, first aid measures are not required. Please note instructions contained in Points 7 and 8.

After inhalation:

Not applicable

After skin contact:

Not applicable

After contact with eyes:

Not applicable

After swallowing:

Not applicable

5. Fire-fighting measures

Suitable fire-extinguishing agents:

Water, powder, CO₂, foam

Fire-extinguishing agents which must not be used for safety reasons:

Not known

Special hazard caused by product, its combustion products or resulting gases:

As a result of high temperatures e.g. a warehouse fire, it is possible that decomposition products such as carbon monoxide and decomposition products from incomplete combustion may result from the organic constituent part.

Special protective equipment for fire-fighters:

Self-contained breathing apparatus must be worn.

Other instructions:

None

6. Accidental release measures

Not applicable

7. Handling and storage

Handling

Instructions for safe handling:

Heavy mechanical stress of the meshes may result in dust formation and fibre fly, which may be troublesome. Skin irritation may be caused on contact with the skin. If necessary, local extraction is recommended. See also Point 8.

Information on fire and explosion protection:

None

Storage

Storage room requirement:

Dry

Instructions on mixed storage:

None

Storage conditions:

Not to be stacked loose.

8. Exposure control and personal protection equipment

Measures to limit and control exposure:

Not applicable

Additional information on the equipment of technical facilities:

Not applicable

Components with workplace limit values/classification to be monitored (in accordance with TRGS 900) in conjunction with Point 7.1.

MAK/TRK/BAT value:

General state limit value (fine dust) MAK 6 mg/m³

Other instructions/measuring techniques:

Our products do not contain any fibres with a diameter of less than 3µm at a length of less than 5µm and therefore are not respirable. The glass fibres can only break into smaller fragments of the same diameter. Therefore they may be a potential nuisance only as fibre fly.

Personal protection

If the recommended measures (see Point 7.1) are complied with, no personal protection is required.

Respiratory protection:

If excessive exposures of fibre fly and dust are nevertheless detected, the wearing of a dust mask P1 is recommended.

Eye protection:

Protective glasses or goggles should be worn in cases of heavy fibre fly and dust generation.

Hand protection:

Not required

Skin protection:

Not required

General protective and hygienic measures:

Wash hands before breaks and when work is finished.

In cases of sensitive skin, use fatty protective cream. Avoid tight-fitting work clothes.

9. Physical and chemical properties

Appearance

Form: rigid
Colour: olive green
Odour: odourless

Change in physical state:

pH value
(2g in 100 ml water, 20°C): not applicable

Boiling point/boiling range: not applicable

Melting point/melting range: 1250°C

Softening point: 840°C

Safety data

Flash point: not applicable

Flammability: not applicable

Ignition temperature: not applicable

Self inflammability: not applicable

Explosion hazard:	not applicable
Oxidizing characteristics:	not applicable
Vapour pressure:	not applicable
Density at 20°C:	2.6 g/cm ³
Solubility in/Miscibility with water:	not applicable
Solubility in fat:	not applicable
Distribution coefficient n-octanol/water:	not applicable
Other information:	none

10. Stability and reactivity

Conditions to be avoided:	not applicable
Materials to be avoided:	not applicable
Hazardous decomposition products:	not applicable
Other information:	None

11. Toxicological information

Acute toxicity, e.g. LD ₅₀ :	not applicable
Specific symptoms in animal experiment:	not applicable
Primary irritation and corrosiveness:	not applicable
Sensitization:	not applicable

Effect after repeated or prolonged exposure
(subacute to chronic toxicity):
not applicable

Carcinogenic, mutagenic, reprotoxic effect:
not applicable

Other information:

Only fibres > 5µm in length, < 3 µm in diameter and with a length to diameter ratio of > 3:1 are classified as carcinogenic. See Point 8.2.

Empirical data:

When handled appropriately and used according to specifications, no effects injurious to health are known.

General remarks: none.

12. Ecological information

Information on elimination:
(persistence and biodegradability):

not applicable

Behaviour in environmental compartments:

Mobility: not applicable

Bio-accumulation potential: not applicable

Ecotoxicity:

Aquatic toxicity: not applicable

Behaviour in sewage plants: not applicable

Additional ecological information:

CSB value (mg/g)

BSB value (mg/g)

AOX indication

Contains the following heavy metals and compounds corresponding to EC Guideline 76/464 EC according to preparation formula:

None

General information:

None

13. Disposal instructions

Product

The waste code number must be determined with the relevant authority.

Waste code number (recommendation)

EAK no. 10 11 03 glass fibre waste

Waste name:

Accountability: no

Uncleaned packing material

Remove fibre remnants from packaging and recycle in accordance with Packaging Ordinance.

14. Information on Transport

Land carriage ADR/RID and GGVs/GGVE

(cross-frontier/inland):

ADR/RID-GGVs/E-class:

Risk no./UN no.: no hazardous goods

Inland transport by ship AND/ADNR

AND/ADNR class cat. no hazardous goods

Sea transport IMDG/GGV sea:

IMDG/GGV sea class / UN no.: no hazardous goods

Air transport ICAO-TI and IATA-DGR:

ICAO/IATA class / UN/ID no.: no hazardous goods

Further information

Protect the product from the effects of humidity.

15. Regulations

Marking according to EC guidelines:

Danger symbol and designation:	none
R-categories:	none
S-categories:	none
Special marking of particular preparations:	none

National regulations

Instructions on restrictions of employment:	none
Instructions in case of interference:	none
Classification according to VbF:	not applicable
Technical instruction air:	not applicable
Water pollution class:	no data available
Other regulations, restrictions and prohibitions:	none

16. Other information

The information provided above describes the safety requirements according to our present state of knowledge.

It does not represent a guarantee on characteristics, nor does it absolve the recipient from responsibility when handling the product and from observing statutory regulations and requirements.

Department issuing data sheet:
Quality control

Contact person:
Dr. Sigmund