

**INFORMATION SHEET FOR SUBSTANCES/ MIXTURES
on the basis of Regulation 1907/2006/EG**

printing date: 17.04.2012

revision date: 17.04.2012

1 Identification of the substance/mixture and of the company**1.1 product identifier:****Product name:** Air-Z**Application of the substance/ mixture:**

Structured mat

1.2 Details of the supplier of the information sheet:

Producer/ supplier:

Rheinzink GmbH & Co. KG

Bahnhofstraße 90

45711 Datteln

fon: +49 (0) 2363 605-0

fax: +49 (0) 2363 605-0

Department: Occupational Health and Safetysdb@rheinzink.de**1.3 Emergency telephone number:**

+49 (0) 173 2727083

+49 (0) 172 2705629

(Business hours: Mo – Thu: 08:00-17:00, Fr: 08:00-14:00)

2 Hazards Identification**2.1 Classification of the substance/ mixture****Classification according to Regulation (EC) 1272/2008 (GHS):**

none

Classification according to Directive 67/548/EEC:

none

2.2 Other Hazards:

none

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Product name: Air-Z**3 Composition/ information on ingredients****3.1 Chemical composition**

Ingredients:		
CAS: n.a.	Polyamide monofilaments	100%
EINECS: n.a.		

4 First Aid Measures**4.1 Description of first aid measures****General information:** no specific measures to be taken**In case of inhalation:** no specific measures to be taken**In case of skin contact:** no specific measures to be taken**In case of eye contact:** no specific measures to be taken**In case of ingestion:** no specific measures to be taken**4.2 Most important symptoms and effects, both acute and delayed:**

None

4.3 Indication of any immediate medical attention and special treatment needed

None

5 Fire Fighting Measures**5.1 Extinguishing media****Suitable extinguishing media:** water fog, foam, carbon dioxide, dry chemical**Unsuitable extinguishing media:** none known**5.2 Advice for fire fighters****Protective equipment:** a self contained breathing apparatus and suitable protective clothing must be worn in fire conditions**6 Accidental Release Measures****6.1 Personal precautions:**

none

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Product name: Air-Z**6.2 Environmental precautions:**

none

6.3 Methods and material for containment and cleaning up:

No specific cleaning methods

7 Handling and Storage**7.1 Precautions for safe handling:****Protective measures:** none**Advice on general occupational hygiene:**

The usual precautionary measures when handling chemicals should be adhered to.

Keep away from food, drink and animal food.

Remove contaminated clothing immediately.

Wash hands before breaks or at the end of the workday.

7.2 conditions for safe storage:**Requirements for storerooms and containers:** no specific requirements**Protection against fire and explosions:** no specific requirements**Incompatibilities:** no specific requirements**Further information about storage conditions:** no specific requirements**Storage class:** no specific requirements**8 Exposure control/ Personal protection****8.1 Control parameters: none****8.2 Exposure controls****Appropriate engineering controls:** no specific measures**Personal protective equipment:** no specific measures**Breathing equipment:** no specific measures**Hand protection:** no specific measures**Eye protection:** no specific measures**Body protection:** no specific measures**Environmental exposure controls:** no specific measures

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Product name: Air-Z**9 Physical and chemical properties**

9.1 basic physical and chemical properties:	
Form:	Solid
Colour:	Grey
Smell:	Odourless
Melting point:	Approx. 214°C
Boiling point:	n.a.
Flash point:	n.a.
Ignition temperature:	n.a.
Auto flammability:	Approx.. 350°C
Explosive properties:	n.a.
Lower explosive limit:	n.a.
Oxidizing properties:	n.a.
Vapour pressure:	n.a.
Density at 20°C:	n.a.
Solubility in water:	Insoluble
pH at 20°C:	n.a.
Dynamic viscosity at 20°C:	n.a.

9.2 Other Information: none**10 Stability and Reactivity****10.1 Reactivity:** stable under normal conditions**10.2 Chemical stability:** under thermal decomposition flammable and toxic fumes can be generated**10.3 Possibility of hazardous reactions:** above 300°C toxic and flammable gases, carbon monoxide may be released**10.4 Conditions to avoid:** molten material should not be in contact with the skin to which it can adhere causing burning wounds**10.5 Incompatible materials:** none known

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Product name: Air-Z**11 Toxicological Information****11.1 Information on toxicological effects:**

Acute toxicity		
Oral	LD50	Not determined
Dermal	LD50	Not determined
Inhalative	LC50/4h	Not determined

Skin corrosion/ irritation: no adverse effects known under normal conditions**Eye damage/ irritation:** no adverse effects known under normal conditions**Respiratory or skin sensitization:** no adverse effects known under normal conditions**12 Ecological Information****12.1 Aquatic toxicity:**

EC50	Not determined
LC50	Not determined

12.2 Persistence and Biodegradability

Not determined

12.3 Bioaccumulative potential

Not determined

12.4 Mobility in soil

Not determined

12.5 Results of PBT and vPvB assessment

Not determined

12.6 other adverse effects

None known

13 Disposal considerations**13.1 Waste treatment method****European waste catalogue:**

The allocation of waste identity numbers / waste descriptions must be carried out according to the official regulations, specific to the industry and process.

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Product name: Air-Z**14 Transport Information****14.1 UN number**

Not a dangerous good under ADR/RID, AND, ADNR, IMDG, ICAO/IATA

14.2 UN proper shipping name:

n.a.

14.3 Transport hazard classes:**ADR/RID label: -
ADR/RID class:****IMDG label: -
IMDG class:****ICAO-TI and IATA-DGR label: -
ICAO/IATA class:****14.4 Packaging group**

n.a.

14.5 Environmental hazards

none

14.6 Special precautions for users

none

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC- Code

n.a.

15 Regulatory information**15.1 Safety, health and environmental regulations/ legislation specific for the
substance/ mixture****National Regulations: -****16 Other Information**

Data are based on our latest knowledge but do not constitute a guarantee for any specific product features and do not establish a legally valid contractual relationship.

Department issuing Safety data sheet: Forschung & Entwicklung, Umwelt**Contact:** +49 (0) 2363 605-430

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Product name: Air-Z**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the

International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

EC50: effect concentration, 50 percent