

Material Safety Data Sheet

according to 91/155/EEC

Product name : TZ AS CARBON FIBER
Revision : 30.03.2006 **Version :** 1.0.0
Print date : 07.08.2006

01. Identification of substance, preparation and company

Product name

TZ AS CARBON FIBER (F000000)

Manufacturer/Supplier

BASF Construction Chemicals (UK) Ltd.

Street/P.O.Box

19 Broad Ground Road Lakeside Industrial Estate /

Country code/Postal code/Town/City

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Telephone / Telefax

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Emergency information

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Toxikologické informa-ní st-edisko +00420 224 919 293 (CZ)
Myrkytystietokeskus puh.(suora) +358 (0) 9 471 977 (vaihide) 094711 (FIN)

02. Composition/information on ingredients

Chemical characterization

Fiber

Hazardous components

SOLID EPOXY RESIN (MW 700-1200) ; CAS-No. : 25036-25-3

Percentage : 2.5 - 10 %

Classification : R 43 R 52/53 Xi ; R 36/38

For the wording of the listed risk phrases refer to section 16.

03. Hazards identification

Hazard designation

May cause sensitisation by skin contact.

Classification : R 43

04. First-aid measures

After inhalation

Take the casualty into the fresh air and keep warm. Keep at rest. Irregular breathing/no breathing: artificial respiration.
Unconsciousness: lateral position - call a physician.

After skin contact

Wash away with soap and water and rinse.

After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion

Contact a doctor immediately. Keep at rest. Do not induce vomiting.

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05. Fire-fighting measures

Suitable extinguishing media

Alcohol resistant foam, CO₂, powders, water spray.

Unsuitable extinguishing media

Waterjet.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Special protective equipment

Appropriate breathing apparatus may be required.

Additional information

Cool endangered containers with water in case of fire. Do not allow the quenching water into the sewage system.

06. Accidental release measures

Personal precautions

Provide for sufficient ventilation. Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up/collecting

Contain and collect spillage with a vacuum cleaner (conducting type) or by wet brushing and place in container for disposal according to local regulations. (See section 13). Do not use a dry brush as dust clouds can be created.

07. Handling and storage

Information for safe handling

Prevent the creation of flammable or explosive concentrations of dust in air and avoid dust concentration higher than the OEL (=Occupational Exposure Limit). Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear antistatic footwear and clothing. No sparking tools should be used. Do not eat or drink during work - no smoking. Comply with the health and safety at work laws.

Requirements to be met by storerooms and containers

Containers should be kept dry and sealed. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight.

Storage class (VCI) : 13

08. Exposure controls and personal protection

Additional information about engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

General protective and hygiene measures

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Wash hands before breaks and after work.

Respiratory protection

If workplace limits are exceeded, a gas mask approved for this purpose must be worn.

Hand protection

Nitrilerubber $\geq 0,35\text{mm}$ ≥ 480 min. Use protective gloves. After washing hands replace lost skin fat by fat containing skin creams. By using other gloves with a lower endurance, change them more often.

Eye protection

Use safety glasses.

Body protection

Personel should wear protective clothings and all parts of the body should be washed after contact. Care should be taken in the selection of protective clothing to ensure that inflammation and irritation of the skin at neck and wrists through contact with the powder is avoided.

09. Physical and chemical properties

Image

Form : Fiber
Colour : Black.
Odour : Odourless.

Relevant safety data

Melting point / range :	>	120	°C	
Flash point :	>	100	°C	DIN 53213
Density :	(20 °C)	1.7	g/cm ³	
Solubility in water :	(20 °C)	insoluble		

10. Stability and reactivity

Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

11. Toxicological information

Experience on practice

Eye contact: irritation.

Additional toxicological information

The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. Ecological information

Additional ecological information

General ecological information

Do not empty into waters or drains.

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16. Other information

Further information

We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 16 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

R-Phrases of components

36/38	Irritating to eyes and skin.
43	May cause sensitisation by skin contact.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing data sheet

BASF Construction Chemicals Business Line Performance Flooring.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
