



Material safety data sheet

acc. to 2001/58/EC

TIVAR[®] TECH

1.1 Trade name

TIVAR[®] TECH

1.2 Description of substance and preparation and name of the company

Product information:	Trade name TIVAR [®] TECH
Information about the manufacturer/supplier:	Quadrant PHS Deutschland GmbH Postfach 1264 48685 Vreden / Deutschland Tel.: 0 25 64 - 3 01 - 0 Fax: 0 25 64 - 3 01 - 2 55
For further information please contact:	Quality management: phone +49 (0) 25 64 - 3 01 - 1 20 Environmental management: phone +49 (0) 25 64 - 3 01 - 1 20
Emergency call:	phone +49 (0) 25 64 - 3 01 - 1 20

2. Composition / Information on ingredients

Chemical characteristics: ultra high molecular weight polyethylene

3. Possibility of danger

not known

4. First aid measures

Skin-burns caused by dripping material must be treated by a doctor.

5. Fire protection measures

Use a self-contained breathing apparatus.

Suitable extinguishing media: Water mist, foam or dry chemicals, carbon dioxide

6. Measures against accidental release

inapplicable

7. Handling and storage

Handling: No special instructions to be followed.

Storage: If protected against ultraviolet light, unlimited storage is possible.

8. Exposure controls and personal protection

If there is no extraction system, a breathing mask should be used during machining of filled material.

9. Physical and chemical properties

Appearance:	Form: firm
	Colour: anthracite
	Odour: odourless
Change in physical state:	Cristallinity melting range 135 - 138° C
Flash point:	inapplicable
Ignition temperature:	approx. 350° C
Density:	0,92 - 0,98 g/cm ³



10. Stability and reactivity

Thermal decomposition: above approx. 300° C
Hazardous decomposition products: None. When burning, carbon black, carbon dioxide, water and lower molecular weight polyethylene will occur. If burned incompletely, carbon monoxide may also occur.

11. Toxicological information

After long-term application of the product no influences on health have been observed.

12. Ecological information

Biologically not degradable, insoluble in water, avoid disposal to the environment, can be separated in sewage plants mechanically.

13. Disposal consideration

Recycling or dumpsite in accordance with local regulations.

Waste key (European waste catalogue): unused product 12 01 05

14. Transport information

No dangerous good in sense of German transport regulations.

15. Regulatory information

No dangerous substance according to GefStoffV
Risk classification: none
Safety classification: none
Water pollution class: WGK 0 - no hazard to water (own ranking)
VbF: inapplicable

16. Other information

This information is based on our present state of knowledge and is intended to provide general notes on our products and their safety requirements. It should not be construed as guaranteeing specific properties of the products.