

Material Safety Data Sheet
According to 91/155 EC

Printing date 28.11.2001

Reviewed on 28.11.2001

1 Identification of substance

· **Product details**

· **Trade name:** *Technovit 6091 easy powder*

· **Manufacturer/Supplier:**

Heraeus Kulzer GmbH & Co. KG
Grüner Weg 11, D-63450 Hanau
Tel.: 06081 959-365 (Wehrheim, Germany)

· **Informing department:**

Safety department: Dr. Tuchscherer +49 6081 959-287
Dr. Felber +49 6081 959-275

· **Emergency information:** Call +49 30 19240 (24 hours).

2 Composition/Data on components:

· **Chemical characterization**

· **Description:** Product based on methacrylate copolymers

· **Dangerous components:** Void

3 Hazards identification

· **Hazard designation:** void

· **Information pertaining to particular dangers for man and environment** void

· **Classification system**

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

· **General information** No special measures required.

· **After skin contact** The product is not skin irritating.

· **After eye contact** Rinse opened eye for several minutes under running water.

· **After swallowing** Initiate vomiting and consult a doctor.

5 Fire fighting measures

· **Suitable extinguishing agents** void

· **Protective equipment:** No special measures required.

6 Accidental release measures

· **Person-related safety precautions:** Not required.

· **Measures for environmental protection:** No special measures required.

· **Measures for cleaning/collecting:** Collect mechanically.

· **Additional information:** No dangerous materials are released.

7 Handling and storage

· **Handling**

· **Information for safe handling:** No special measures required.

· **Information about protection against explosions and fires:** No special measures required.

(Contd. on page 2)

GB

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(Contd. of page 1)

- **Storage**
 - **Requirements to be met by storerooms and containers:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** None.
 - **Storage class**
 - **Class according to regulation on inflammable liquids:** Void

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - **CAS No. Designation of material % Type Value Unit**
General limit for dust: 4 mg/m³ is applicable.
 - **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment**
 - **General protective and hygienic measures**
The usual precautionary measures should be adhered to in handling the chemicals.
 - **Breathing equipment:** Not required.
 - **Protection of hands:** Not required.
 - **Eye protection:** not absolutely necessary
 - **Body protection:** Light weight protective clothing

9 Physical and chemical properties:

- **Form:** Powder
- **Colour:** Dark grey
- **Smell:** Odourless

- **Change in condition**
 - **Melting point/Melting range:** Not determined
 - **Boiling point/Boiling range:** Not determined

- **Flash point:** Not applicable

- **Self-inflammability:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive. However, formation of explosive powder/air mixtures is possible.

- **Density** Not determined

- **Solubility in / Miscibility with**
 - **Water:** Insoluble

- **Solvent content:**
 - **Organic solvents:** 0.0 %

- **Solids content:** 100.0 %

10 Stability and reactivity

- **Conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of composition:** None

11 Toxicological information

- **Acute toxicity:**
 - **Primary irritant effect:**
 - **on the skin:** No irritant effect.

(Contd. on page 3)

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(Contd. of page 2)

- **on the eye:** No irritant effect.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **General notes:**
Water hazard class 1 (calculated according to VwVwS): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13 Disposal considerations

- **Product:**
· **Recommendation** Smaller quantities can be disposed with household garbage.

· **European waste catalogue**

07 02 99 | wastes not otherwise specified

- **Uncleaned packagings:**
· **Recommendation:** Packaging can be reused or recycled after cleaning.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
· **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG/GGVSea:**

· **IMDG/GGVSea Class:** -
· **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** -

15 Regulatory information

- **Designation according to EC guidelines:**
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
Observe the normal safety regulations when handling chemicals
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.
- **National regulations**
· **Classification according to VbF:** Void

(Contd. on page 4)

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(Contd. of page 3)

· **Technical instructions (air):**

Class	Share in %
II	0.3

· **Water hazard class:** Water hazard class 1 (calculated according to VwVwS): slightly hazardous for water.

16 Other information:

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.

· **Contact:** Dr. Tuchscherer Tel.: +49 6081 959-287

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