



Safety data sheet/ EG-Sicherheitsdatenblatt

Date of establishment: 10/12/02
Revision date:

Product/ Product group: **Mould concrete**

1.1 Substance/Preparation and Company Name

1.2 Information on the product

1.2 Information on manufacturer/Supplier

Supplier: **Tiffany Glaskunst GmbH**
Street: **Helleforthstr. 18-20**
UIP Code/town: **D-33758 Schloß Holte Stukenbrock**
Tel.: **+49 5207 91280**
Fax.: **+49 5207 912840**
e-mail: **tgk@tgk.de**
Internet: **http://www.tgk.de**

Telephone number in emergency cases: 05207-9128-0

2. Composition/Information on ingredients:

Chemical characteristics:

CAS-No.	Designation according to EC guideline	Quantity in %	Symbol	R-phrases
12042-68-1	Calcium-alumina-concrete	10-30	Not classified	
14464-46-1	Silicic acid, crystalline	< 5	Not classified	
1302-93-8	Mullite	30-60	Not classified	
	Glass	low		

Zusätzliche Hinweise:

The product is a conventional mould concrete based on calcium-alumina-concrete and aluminium silicium acids.

3. Possible hazards:

There are not known any specific dangers of the product.

4. First aid measures:

Wash away with water.

5. Fire fighting measures:

Product is not combustible.

6. Accidental release measures:

Take up mechanically.

7. **Handling and storage:**

Store in dry condition.

8. **Exposure controls and personal protection:**

The total dust concentration should be below the limit value for harmful dust 10 mg/m³.
In case of insufficient ventilation, use dust mask.

9. **Physical and chemical properties:**

- **Form:** grainy powder
- **Colour:** grey-white
- **Odour:** odourless
- **pH-value:** ---
- **Melting point/Melting range (in °C):** > 1700° C
- **Specific gravity:** 1400 kg/dm³

10. **Stability and reactivity:**

Mixed with water, the product consists of a low alkaline solution before it stabilises.

11. **Information on toxicology:**

< 5 % of the product consists of crystalline silicic acid. Permanent inhalation of crystalline silicic acid can lead to pneumoconiosis. The International Authority for Research on Cancer (IARC) has classified crystalline silicic acid that is inhaled in form of quartz or cristobalite at the working place as „carcinogenic for humans“. There is no EC legislation on this matter. A product with a respirable portion of more than 1 % of silicic acid is classified as carcinogenic in Norway.

12. **Information on ecology:**

No special security measures necessary.

13. **Information on waste disposal:**

The product can be disposed of according to official regulations.

14. **Information on transport:**

The product is not dangerous for transport according to transport regulations.

15. **Regulations:**

The product is classified as not dangerous according to EC guideline 91/155.

16. **Additional information:**

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.