



Date of establishment: Safety data sheet/ EG-Sicherheitsdatenblatt
17/02/03
Revision date:

Product/ Product group: **Silicone glue mirror**

1.1 Substance/Preparation and Company Name

1.2 Information on the product

1.3 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:

Preparation of polydimethylsiloxane + filler + auxiliary agent + alkoxy silane crosslinking agent.

Dangerous ingredients:

None.

3. **Possible hazards:**

None.

4. **First Aid Measures:**

General information:

During polymerisation, the product splits off low quantities of alcohol.

Inhalation:

Eye contact:

Wash with plenty of water immediately for 10 – 15 minutes and seek medical attention.

Skin contact:

Wash away with cloth/paper and wash with plenty of water and soap.

Ingestion:

Drink plenty of water in small portions and induce vomiting. Seek medical attention and name product precisely.

5. **Fire fighting measures:**

Appropriate extinguishing media:

Water spray, extinguishing powder, sand, foam, CO₂.

Unadequate extinguishing media for safety reasons:

No data available.

Special hazards caused by the material, its combustion products or flue gases:

At combustion, carbondioxide is split off.

Special protection equipment for fire fighting:

Use independent respiratory protection device.

6. Accidental release measures:

Personal precaution measures:

Avoid contact, keep out of reach of children.

Environmental protection measures:

In case of contact with wetness, polymerisation to inert rubber.

Measures for cleaning up/collecting;

Take up mechanically. Afterpurification with test benzine possible.

7. Handling and storage:

Handling:

Information for secure handling:

Provide for good room and working place ventilation.

Storage:

Requirements for storage rooms and containers:

Keep containers firmly locked, store at dry and cool place.

8. Expose controls and personal protection:

General protective and hygiene measures:

Do not eat, drink, smoke during work. Avoid contact with skin or eyes.

Breathing equipment:

Not necessary.

Protection of hands:

In case of careful handling not necessary, otherwise protection gloves of PVC, PE or rubber.

Eye protection:

In case of careful handling not necessary, otherwise protection goggles.

Ingredients with limit values on working place with have to be controlled:

CAS-No.	Designation of the substance	Method	Value	Unity
000064-17-5	Ethanol	Max. concentration at working place	1900	mg/m ³

9. **Physical and chemical properties:**

▪ Form:	solid paste
▪ Colour:	white
▪ Odour:	weak
▪ Boiling point/Boiling range (in °C):	not applicable.
▪ Melting/Melting range (in °C):	no data available
▪ Flash point:	no applicable
▪ Solubility in water:	insoluble
▪ Explosion limit:	not applicable
▪ Density (at 20°C):	1,5 g/cm ³
▪ Steam pressure (at 20°C):	not applicable
▪ Viscosity :	solid paste
▪ pH value:	7
▪ Ignition temperature:	> 400 °C

10. **Stability and reactivity:**

Conditions to avoid/thermic decomposition:

In case of appropriate storage and handling, there are not dangerous reactions known.

Products to avoid:

Reacts with water/wetness forming ethanol.

Dangerous decomposition products

In case of appropriate handling and storage, there are none known.

11. **Toxicological information:**

Acute toxicity:

Vulcanisates are neither mutagen, cancerogen nor teratogen and present no danger for men and environment.

Additional toxicological information:

Product splits off low quantities of ethanol during polymerisation.

12. **Ecological information:**

Ecotoxic effects:

Silicone rubber is biologically not degradable, but can easily be sedimented from water. According to past experiences of manufacturer, fish toxicity is not to be expected. No disadvantageous effects in water treatment plants.

Additional ecological information:

Vulcanisate is insoluble in water.

13. **Disposal considerations:**

For the material/residues

Recommendation:

Incineration according to regulations in special waste incineration plant. Smaller quantities can be disposed of in household garbage incineration plants. Disposal together with household/industrial garbage possible after solidification. Local official regulations have to be adhered to.

EAK-Code No.

55905.

For contaminated packing:

Dispose of empty packings according to valid regulations.

14. Transport information:

Not dangerous for transport according to transport regulations.

15. Regulatory information:

Designation according to EC guidelines:

The product has not to be marked according to the guidelines.

Code letter and hazard designation of the product:

None.

Hazard-determining components of labelling:

Water hazard class:

0 (self-assessment of the manufacturer)

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.