



Safety data sheet/ EG-Sicherheitsdatenblatt

Date of establishment: 07/11/02
Revision date:

Product/ Product group: **Mixture for pointing up**

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::

Composition of a special mixture of binders hydraulically hardened, selected.
Low chrom content according to TRGS 613. GISCODE ZP1.

Dangerous ingredients:

CAS-No	Designation according to EC guideline	Content	Marking	R-phrases
65997-15-1	Portland cement	0-75%	Xi	36/38
65997-15-1	Portland cement	0-80%	Xi	36/38
1305-62-0	Chalk hydrate	0-3%	Xi	36/38

3. Possible hazards:

R-phrases	S-phrases
36/38 – irritates eyes and skin	S2 – Keep out of reach of children S24 – Avoid contact with skin S25 – Avoid contact with eyes S26 – In case of eye contact rinse thoroughly with water and contact doctor S37 – Wear appropriate protection gloves

Special hazard for men and environment:

Hazard designation „corrosive“ does not apply for dry powder, but only applies after addition of moisture or water (alkaline reaction).

Permanent skin contact of water/cement mixture (mortar, concrete, etc.) leads to a decomposition of grease due to the alkaline properties. In order to avoid skin irritation, we recommend the use of a skin care creme.

4. First aid measures:

General information:

Contains cement. Strong alkaline reaction with moisture, therefore, protect skin and eyes. In case of skin contact, rinse thoroughly with water,

Inhalation:

Remove affected person to fresh air.

Eye contact:

Keep palpebral fissures opened and rinse thoroughly with clean, running water for at least 10 min. Consult a doctor.

Skin contact:

Clean skin thoroughly with water and soap. Do not use any expectorants or dilutions.

Ingestion:

Consult a doctor. Reassure the affected person. Do not induce vomiting.

5. Fire fighting measures:

Appropriate extinguishing media:

Foam (alcohol resistant), carbon dioxide, cover, spray mist (water)

Unadequate extinguishing media for safety reasons:

No datas available.

Special hazards by the material or the composition, its combustion products or generated gases:

No datas available.

Special protection equipment for fire fighting:

Possibly respiratory mask.

6. Accidental release measures:

Personal precaution measures:

Avoid skin and eye contact.

Environmental protection measures:

Do not let it pass into the canalisation.

Measures for cleaning up/absorbing:

Absorb in a dry state.

7. Handling and storage:

Handling:

Information for secure handling:

Do not eat, drink or smoke at work. For personal protection equipment refer to section 8.

Storage:

Requirements for storage rooms and containers:

Keep containers firmly locked.

Further information on storage conditions:

Always store in containers that match the original containers.
Pay attention to the information on the label. Protect from moisture.

Storage class:

none

8. Exposure controls and personal protection:

Technical protection measures:

Avoid inhaling the dusts.

Ingredients with value limits on working place which have to be controlled:

CAS-No.	Designation of ingredient		Value	Unity
65997-15-1	Portland cement	MAK	5,0	Ppm
1305-62-0	Chalk hydrate	MAK	5,0	Ppm

These values have been taken from the lists valid upon establishing this data sheet.

Respiratory protection:

Do not inhale the dust. Refer to memo ZH 1/134 Hauptverb. D. Gewerbl BG.

Hand protection:

Avoid skin contact. In case of skin contact rinse with plenty of water. Use appropriate protection gloves.

Eye protection:

Avoid eye contact. In case of eye contact rinse eyes with plenty of water and consult a doctor. Wear protection goggles/face protection.

Body protection:

Wear appropriate protection clothes at work. Change contaminated, soaked clothes immediately.

9. Physical and chemical properties:

- **Form:** powder
- **Colour:** grey, resp. in case of coloured products refer to label
- **Odour:** characteristic
- **pH-value:** ca. 12
- **pH-Wert 1%:**
- **Boiling point/Boiling range (in °C):**
- **Boiling point/Melting range (in °C):**
- **Flaming point:**
- **Specific gravity at 20°C:**
- **Solubility in water:** <50g/l
- **Poured density:** 200 – 1400 kg/m³
- **Explosion danger:**

Additional information:

Thermic reaction: In case of utilisation according to the guidelines none
Further reactions: Hydraulically hardening

10. Stability and reactivity:

Stable in case of utilisation according to the guidelines.

Conditions to avoid/thermic decomposition:

Products to avoid:

Dangerous decompositon products

None in case of utilisation according to the guidelines

11. Information on toxicology:

No datas available.

Primary irritating effects:

Skin:

Sensibilisation:

Additional toxicological information:

12. Information on ecology:

There are no known hazards for the ecology.

Additional information:

Water hazard class 1 (self assesment of the manufacturer): weak water hazard

13. Information on waste disposal:

For the material/residues

Recommendation:

Dispose of according to the regional regulations. Do not let it pass into the canalisation.

Waste no.:

For contaminated packing:

Empty packing completely and recycle it.

14. Information on Transport:

General information:

No dangerous good according to transport regulations

UN-No.:

Road/Rail transport (GGVS/ADR/GGVE/RID)

GGVS/ADR

(class/number)

GGVE/RID

(class/number)

Transport by sea ships:

GGVSee/MDG-Code

EmS-No.:

MFAG-No.:

Marine Pollutant:

Transport by aeroplanes

ICAO/IATA-DGR:

15. Regulations:

**Marking dangerous good V0 incl. EC-guidelines
(67/548/EWG and 88/379/EWG)**

Symbol:

Xi irritating

Hazard marking:

R-Phrases:

R36/38

irritates eyes and skin

S-Phrases:

S2

keep out of reach of children

S24

avoid skin contact

S25

avoid eye contact

S26

In case of eye contact, rinse thoroughly
with water and consult doctor

S37

wear appropriate protection goggles.

Water hazard class:

1 (self-assessment of the manufacturer): weak water hazard

National regulations:

Information for immission protection

TA air: class I: 0%

class II: 0%

class III: 0 %

Special marking:

Low chrom content according to TRGS 613. KISCODE ZP1

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.