1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Trade name  Degufill KE Gold
Company  DeguDent GmbH
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REACH Registration No.: if available listed in Chapter. 3

2. HAZARDS IDENTIFICATION

Classification as per Directive 67/548/EC or Directive 1999/45/EC
Xi, Irritant
R36/37/38: Irritating to eyes, respiratory system and skin.

Other Hazards
No dangerous reaction known under conditions of normal use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature
Preparation based on acrylic resin
The preparation contains:
Urethane dimethacrylate
Glass powder
silica

4. FIRST AID MEASURES

Inhalation
Move victims into fresh air.

Skin contact
Wash off with soap and water.

Eye contact
Immediately flush eye(s) with plenty of water.
See an eye specialist immediately.

Ingestion
Consult a physician immediately.
5. FIRE-FIGHTING MEASURES

Suitable extinguishing media
Water spray, foam, CO2, dry powder., sand

Unsuitable extinguishing media
high volume water jet

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Ensure sufficient ventilation.
Use personal protective equipment.
Handle in accordance with good industrial hygiene and safety practices.

Environmental precautions
Do not allow substance to enter soil, bodies of water or sewage canals.

Methods and material for containment and cleaning up
Pick up with suitable adsorbent material.
Suitable binder: sand, diatomaceous earth, universal absorbent, sawdust

7. HANDLING AND STORAGE

Handling
Precautions for safe handling
Keep container tightly closed.
Wear personal protective equipment; see section 8.

Advice on protection against fire and explosion
Keep away from sources of ignition - No smoking.

Storage
Conditions for safe storage, including any incompatibilities
Ensure there is good room ventilation.
Store cool and dry in the closed original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Engineering measures
Ensure that there is suitable air extraction / ventilation in the workplace or at the working machines. If necessary extractor suction on specific objects.

Personal protective equipment
Respiratory protection
Do not breathe Dusts and vapours:.

Hand protection
Glove material Wear protective gloves made of the following materials: rubber.

Eye protection
Safety glasses with side-shields
Hygiene measures
Immediately change moistened and saturated work clothes.

Protective measures
No eating, drinking, smoking, or snuffing tobacco at work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
- Form: viscous liquid
- Colour: yellowish
- Odour: slightly ester-like

Information on basic physical and chemical properties
- pH: ca. 2.5
- Boiling point/range: min. 200 °C
- Flash point: min. 125 °C
- Explosiveness: not determined
- Vapour pressure: max. 1 mbar (20 °C)
- Density: ca. 1.9 g/cm³
- Relative density: min. 1

10. STABILITY AND REACTIVITY

Conditions to avoid
- light
- heat

Incompatible materials
radical generating substances, heavy metal ions, reducing agents

Hazardous decomposition products
Thermal decomposition can lead to release of irritating gases and vapours.

Possibility of hazardous reactions
danger of polymerisation
Exothermic spontaneous polymerization caused by radical formers, reductant substances and/or heavy metals is possible.
Polymerisation at elevated temperatures.
Polymerisation occurs when exposed to white light, ultraviolet light or heat.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity
LD50 Rat: > 1000 mg/kg

Skin irritation
May cause sensitisation.

Eye irritation
Irritating to eyes.

Human experience
Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
related to substance: Methacrylates
12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Ecotoxicological tests with this preparation are not available.

13. DISPOSAL CONSIDERATIONS

Product
Disposal according to local authority regulations.

Uncleaned packaging
Disposal according to local authority regulations.

14. TRANSPORT INFORMATION

Transport/further information
Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

hazard-defining component(s)

- Methacrylates

Symbol(s) XI Irritant
R-phrase(s) R36/37/38 Irritating to eyes, respiratory system and skin.
S-phrase(s) S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 After contact with skin, wash immediately with plenty of soap and water.
S37/39 Wear suitable gloves and eye/face protection.

National legislation

16. OTHER INFORMATION

Further information
Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.