

# SAFETY DATA SHEET (EC 1907/2006)

## Degufill KE Gold

Material no.		Version	1.1 / GB
Specification	166446	Revision date	24.09.2010
VA-Nr		Print Date	24.09.2010
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### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product information

Trade name	Degufill KE Gold
Company	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	+49 (0)6181/59-5767
Telefax	+49 (0)6181/59-5879
Email address	SDB@degudent.de
Emergency telephone number	+49 (0)180 / 23 24-555

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.

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### 5. FIRE-FIGHTING MEASURES

#### Suitable extinguishing media

Water spray, foam, CO<sub>2</sub>, 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

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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/cm <sup>3</sup>
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

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**12. ECOLOGICAL INFORMATION****Ecotoxicity effects**

*Ecotoxicological tests with this preparation are not available.*

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**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Uncleaned packaging**

Disposal according to local authority regulations.

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**14. TRANSPORT INFORMATION****Transport/further information**

Not classified as dangerous in the meaning of transport regulations.

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**15. REGULATORY INFORMATION****Labelling according to EC Directives****hazard-defining component(s)**

- Methacrylates

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

**National legislation**

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**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.

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