

Degufill KE Gold

Material no.		Version	1.0 / GB
Specification	166446	Revision date	29.04.2009
VA-Nr		Print Date	30.04.2009
		Page	1 / 5

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name	:	Degufill KE Gold
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2. HAZARDS IDENTIFICATION**Classification**

Xi, Irritant
R36/37/38: Irritating to eyes, respiratory system and skin.

Additional safety information for humans and the environment

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.

Degufill KE Gold

Material no.		Version	1.0 / GB
Specification	166446	Revision date	29.04.2009
VA-Nr		Print Date	30.04.2009
		Page	2 / 5

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

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

Extinguishing media which must not be used for safety reasons

high volume water jet

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

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 for cleaning up

Pick up with suitable adsorbent material.

Suitable binder: sand, diatomaceous earth, universal absorbent, sawdust

7. HANDLING AND STORAGE**Handling****Safe handling advice**

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**Requirements for storage areas and containers**

Ensure there is good room ventilation.

Store cool and dry in the closed original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace 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.

Degufill KE Gold

Material no.		Version	1.0 / GB
Specification	166446	Revision date	29.04.2009
VA-Nr		Print Date	30.04.2009
		Page	3 / 5

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

Safety data

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 ³
Relative density	min. 1

10. STABILITY AND REACTIVITY

Conditions to avoid	light heat
Materials to avoid	radical generating substances, heavy metal ions, reducing agents
Hazardous decomposition products	Thermal decomposition can lead to release of irritating gases and vapours.
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.

Degufill KE Gold

Material no.		Version	1.0 / GB
Specification	166446	Revision date	29.04.2009
VA-Nr		Print Date	30.04.2009
		Page	4 / 5

Human experience

Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

related to substance: Methacrylates

12. ECOLOGICAL INFORMATION
Elimination information (persistence and degradability)
Behaviour in environmental compartments
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 S26	Avoid contact with skin and eyes. 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.

Degufill KE Gold

Material no.		Version	1.0 / GB
Specification	166446	Revision date	29.04.2009
VA-Nr		Print Date	30.04.2009
		Page	5 / 5

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.