

Deckgold

material No.		Version	1.2
specification	102922	Revision date	02.01.2002
VA-Nr		Print Date	30.03.04
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**Product information**

Trade name	:	Deckgold
Company	:	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	:	+49 (0)6181/59-5767
Telefax	:	+49 (0)6181/59-5879
Emergency telephone number	:	+49 (0)180 / 23 24-555

2. COMPOSITION/INFORMATION ON INGREDIENTS**Information on ingredients / Hazardous components**

• Gold			
CAS-No.	7440-57-5	EC-No.	231-165-9
• Glass, oxide, chemicals			
CAS-No.	65997-17-3	EC-No.	266-046-0
• Distillates (petroleum), hydrotreated light			
CAS-No.	64742-47-8	EC-No.	265-149-8
Symbol(s):	Xn	R-phrases)	R65
• acrylic resin			
CAS-No.	9003-63-8	EC-No.	204-685-9
• 2-(2-butoxyethoxy)ethyl acetate			
CAS-No.	124-17-4	EC-No.	204-685-9

3. HAZARDS IDENTIFICATION

No dangerous reactions are known to occur with correct handling and storage.

4. FIRST AID MEASURES**General advice**

Move out of dangerous area.

Inhalation

Remove to fresh air.

Skin contact

Wash off immediately with plenty of water.

Eye contact

Rinse thoroughly immediately with plenty of water for at least 5 minutes keeping eyelid open.
If eye irritation persists, consult a specialist.

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Ingestion

Consult a physician.

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

water spray, mist, carbon dioxide (CO₂), quenching powder

Extinguishing media which must not be used for safety reasons

high volume water jet

Specific hazards during fire fighting

In the event of fire and/or explosion do not breathe fumes.
Formation of flammable or explosive vapour/air mixtures possible.
Danger of explosion with fire.

Special protective equipment for fire-fighters

Employ protective equipment commonly used in the event of fire.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

Keep people away from and upwind of spill/leak.
Keep away from sources of ignition. - No smoking.

Methods for cleaning up

Absorb with liquid-binding material, e. g.: sand diatomaceous earth inert absorbent.

Additional advice

Remove all sources of ignition.

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

No particular measures required if used correctly.

Storage**Requirements for storage areas and containers**

Keep container dry and tightly sealed - even empties.

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

- **Distillates (petroleum), hydrotreated light**

CAS-No.	64742-47-8	EC-No.	265-149-8
Control parameters	350 ml/m ³		MAK(GKV)

Engineering measures

If necessary: Local ventilation.

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Personal protective equipment**Respiratory protection**

If gas/fumes/aerosols occur for short periods:
Respirator with brown A-type filter

Hand protection

Wear protective gloves made of the following materials: solvent-resistant material.
solvent-resistant material

Eye protection

safety glasses with side-shields

Skin and body protection

Avoid contaminating clothes with product.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	paste
Colour	gold
Odour	solvent

Safety data

Boiling point/range	195 °C
Flash point	73 °C
	Method: DIN 51 755
flammability	Flammable.
Lower explosion limit	0,6 %(V)
Upper explosion limit	5,5 %(V)
Density	3,8 g/cm ³

10. STABILITY AND REACTIVITY

Conditions to avoid	Keep away from sources of ignition - No smoking.
Materials to avoid	none known
Hazardous decomposition products	none known

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 rat: 2.000 mg/kg
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related to substance: Distillates (petroleum), hydrotreated light

LD50 rat: > 6.500 mg/kg

related to substance: 2-(2-butoxyethoxy)ethyl acetate

Acute inhalation toxicity

LC50 rat: > 5 mg/l / 4 h

related to substance: Distillates (petroleum), hydrotreated light

LC50 rat: > 74 mg/l / 4 h

related to substance: 2-(2-butoxyethoxy)ethyl acetate

Acute dermal toxicity

LD50 rabbit: > 2.000 mg/kg

related to substance: Distillates (petroleum), hydrotreated light

LD50 rabbit: > 5.400 mg/kg

related to substance: 2-(2-butoxyethoxy)ethyl acetate

Human experience

To date handling this product has not been known to cause any detrimental effects.

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Behaviour in environmental compartments

Ecotoxicity effects

No ecotoxicological studies are available.

Further information on ecology

Further Information Prevent penetration into soil, stretches of water and drainage systems.

13. DISPOSAL CONSIDERATIONS

Contaminated packaging

Recovery of precious metals must undergo recycling process in accordance with the regulations issued by the local authorities.

Waste Key Number

180 105 Used chemicals and medical products (EU)

14. TRANSPORT INFORMATION

Transport/further information

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

labelling according to EEC Directive

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National legislation

16. OTHER INFORMATION**Further information**

Changes since the last version will be highlighted in the margin. This version replaces all previous versions.

The data presented here correspond to the present state of our knowledge and experience and are intended to describe our product with respect to possible safety demands. We imply with this however no guarantee of properties or description of qualities.

SAFETY DATA SHEET (91/155/EWG)**DeguDent***A Dentsply International Company***Deckgold**

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