



According to 1907/2006/EG, Article 31
Date of issue: 06.10.2015

Page 1 of 5
Printing date: 07.03.2016

Gypsum Gloss

1. Identification of the substance / Preparation and Company:

Identification of the substance or preparation:

Commercial product name: Gypsum Gloss

Company / Manufacturer: ERNST HINRICHS Dental GmbH
Borsigstr. 1
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2. Hazards Identification:

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008.



GHS07

Eye Irrit. 2

H319 Causes serious eye irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

R10: Flammable.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS07

Signal word:

Warning.

Hazard statements:

H319

Causes serious eye irritation.

Precautionary statements:

P280

Wear protective gloves / eye protection.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313

If eye irritation persists: Get medical advice/attention.

2.3 Other hazards.

Results of PBT and vPvB assessment:

PBT: Not applicable.
vPvB: Not applicable.

3. Composition / Information on Ingredients:

3.1 Chemical characterization:

Mixtures.

Description:

Mixture of substances listed below with non-hazardous additions.

3.2 Dangerous components:

CAS: 67-63-0

EINECS: 200-661-7

propan-2-ol



Xi R36,



F R11, R67



Flam. Liq. 2, H225



Eye Irrit. 2, H319; STOT SE 3, H336

2.5-10 %



According to 1907/2006/EG, Article 31
Date of issue: 06.10.2015

Page 2 of 5
Printing date: 07.03.2016

Gypsum Gloss

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First aid measures:

- | | | |
|-----|---|---|
| 4.1 | Description of first aid measures:
After inhalation:
After skin contact:
After eye contact:

After swallowing: | Supply fresh air; consult doctor in case of complaints.
Generally the product does not irritate the skin.
Rinse opened eye for several minutes under running water. Then consult a doctor.
Rinse out mouth and then drink plenty of water. |
| 4.2 | Most important symptoms and effects, both acute and delayed: | No further relevant information available. |
| 4.3 | Indication of any immediate medical attention and special treatment needed: | No further relevant information available. |

5. Fire Fighting measures:

- | | | |
|-----|--|--|
| 5.1 | Suitable extinguishing agents: | CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam. |
| 5.2 | Special hazards arising from the substance or mixture: | No further relevant information available. |
| 5.3 | Advice for firefighters:
Protective equipment: | No special measures required. |

6. Accidental release measures:

- | | | |
|-----|--|--|
| 6.1 | Personal precautions, protective equipment and emergency procedures: | Wear protective equipment. Keep unprotected persons away. |
| 6.2 | Environmental precautions: | Dilute with plenty of water. |
| 6.3 | Methods and material for containment and cleaning up: | Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). |
| 6.4 | Reference to other sections: | See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information. |

7. Handling and Storage:

- | | | |
|-----|--|---|
| 7.1 | Precautions for safe handling:
Information about fire - and explosion protection: | Store in cool, dry place in tightly closed receptacles.
Keep ignition sources away - Do not smoke. |
| 7.2 | Conditions for safe storage, including any incompatibilities:
Requirements to be met by storerooms and receptacles:
Information about storage in one common storage facility:
Further information about storage conditions:
Specific end use(s): | No special requirements.
Not required.
Keep container tightly sealed.
Store in upright position.
No further relevant information available. |

8. Exposure controls / Personal protection:

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:	
67-63-0 propan-2-ol	
WEL	Short-term value: 1250 mg/m ³ , 500 ppm Long-term value: 999 mg/m ³ , 400 ppm

8.2 Additional information: The lists valid during the making were used as basis.

Gypsum Gloss

Personal protective equipment:
General protective and hygienic measures:
Respiratory protection:
Protection of hands:

Wash hands before breaks and at the end of work.

Not required.

The glove material has to be impermeable and resistant to the product / the substance / the preparation. Due to missing tests no recommendation to the glove material can be given for the product / the preparation / the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

As protection from splashes gloves made of the following materials are suitable:

Nitrile rubber, NBR.

Eye protection:

Natural rubber, NR



Tightly sealed goggles.

Physical and chemical properties:

9.1 General information:

Form:	Fluid
Colour:	Light yellow
Odour:	Fruit-like
pH-value:	< 11
Change in condition:	
Melting point/Melting range:	Undetermined.
Boiling point / Boiling range:	82 °C
Flash point:	> 60 °C
Ignition temperature:	425 °C
Self-igniting:	Product is not selfigniting
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Density at 20°C:	0.98 g/cm ³
Solubility in / Miscibility with water:	Fully miscible.
Solvent content:	<10,0 %
Organic solvents:	
Solids content:	<10,0 %

9.2 Other information:

No further relevant information available.

10. Stability and Reactivity:

10.1 Reactivity

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

No dangerous decomposition products known.



According to 1907/2006/EG, Article 31
Date of issue: 06.10.2015

Page 4 of 5
Printing date: 07.03.2016

Gypsum Gloss

11. Toxicological Information:

11.1 Acute toxicity:	
Skin corrosion/irritation:	No irritant effect.
Serious eye damage/irritation:	No irritating effect.
Respiratory or skin sensitisation:	No sensitising effects known.
Subacute to chronic toxicity:	None.
Additional toxicological information:	None.
Toxicokinetics, metabolism and distribution:	None.
Sensitisation:	None.
Repeated dose toxicity:	None.
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)	
Germ cell mutagenicity:	None.
Carcinogenicity:	None.
Reproductive toxicity:	None.

12. Ecological Information:

12.1 Toxicity	
Aquatic toxicity:	No further relevant information available.
12.2 Persistence and degradability:	Biodegradable.
12.3 Bioaccumulative potential:	Does not accumulate in organisms.
12.4 Mobility in soil:	No further relevant information available.
Additional ecological information:	
General notes:	Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
12.5 Results of PBT and vPvB assessment:	PBT: Not applicable. vPvB: Not applicable.
12.6 Other adverse effects:	No further relevant information available.

13. Disposal Considerations:

13.1 Waste treatment methods - Recommendation:	Must not be disposed together with the household garbage. Do not allow product to reach sewage system.
European waste catalogue:	
07 00 00	WASTES FROM ORGANIC CHEMICAL PROZESSES
07 07 00	Wastes from the MFSU of fine chemicals and chemical products not otherwise specified.
07 07 04	Other organic solvents, washing liquids and mother liquors
Uncleaned packaging – Recommendation:	Disposal must be made according to official regulations.
Recommended cleansing agents:	Water, if necessary together with cleansing agents.

14. Transport Information:

14.1 UN-Number:	-
14.2 UN proper shipping name	-
ADR:	
14.3 Transport hazard class(es):	-
14.5 Environmental hazards:	
Marine pollutant:	No
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ):	-



According to 1907/2006/EG, Article 31
Date of issue: 06.10.2015

Page 5 of 5
Printing date: 07.03.2016

Gypsum Gloss

Transport category: -
IATA
Remark: Non-hazardous.
UN "Model Regulation": III

15. Regulatory Information:

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Labelling according to Regulation (EC) No 1272/2008: The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



GHS07

Signal word: Warning.

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements:

P280 Wear protective gloves / eye protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Further Information:

This information is based on our present knowledge. However this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

16.1 Relevant R-phrases:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

16.2 Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association".

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization".

GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3