

Safety Data Sheet

according to the Commission Directive 1907 / 2006 EG, Article 31

Yeti – Glass beads to shine Art.922-2050

1. Identification of the Substance/Preparation and of the Company/Undertaking

Trade name: Yeti – Glass beads to shine

Use: Mineral abrasive for industrial use

Producer: YETI Dentalprodukte GmbH

Street: Industriestraße 3

ZIP code / City: D-78234 Engen

E-Mail: sdb@yeti-dental.com

Information about substances: Tel.+49 77 33/94 10 0 FAX +49 77 33/94 10 22

Emergency: Tel.+49 77 33/94 10 0(Mo -Th. 8h -16h30, Fr. 8h- 14h)

2. Composition / Information on Ingredients:

2.1 Classification

Does not fulfil the criteria for classification.

2.2 Labelling elements

Not required to be labelled according to CLP Regulation (EC) No. 1272/2008.

2.3 Safety instruction

Repeated inhaling of bigger dust amounts for a longer period raises the risk for illnesses of the lung. The product penetrates directly about the oral cavity or nasal cavity.

3. Composition / information on component parts:

	Individual substances (average)
Silicon dioxide	70,00 - 75,00%
Natrium dioxide	12,00 - 15,00%
Calcium oxide	7,00 - 12,00%
Magnesium oxide	Max. 5,00%
Aluminum oxide	Max. 2,50%
Kalium dioxide	Max. 1,50%
Eisen oxide	Max. 0,50%

Safety Data Sheet

according to the Commission Directive 1907 / 2006 EG, Article 31

Chemical description	EINECS	CAS Nr.	REACH Reference No.
Glass	266-046-0	65997-17-3	Not subject to registration according to REACH regulation.

4. First-Aid Measures:

After Skin contact:	Wash off with water, rinse.
After Eye contact:	Immediately begin rinsing eyes out with running water and continue with eyes open for 10 to 15 minutes
After Inhalation:	Get fresh air and take a resting position that facilitates breathing. Consult a doctor in case of complaints.
After swallowing:	Rinse mouth and drink plenty of water after. Do not induce vomiting. Consult a doctor.

5. Fire-Fighting Measures:

Suitable extinguishing media:	Adapt fire-extinguishing measures to the circumstances in question.
Non-suitable extinguishing media:	None known.
Other hazards:	None known.
Protective equipment:	None.

The product itself is not flammable.

6. Accidental Release Measures:

Personal precautions:	Avoid stirring up dust. Spilled material may be a slipping hazard.
Environmental precautions:	No specific measures.
Methods for cleaning up:	Take up by mechanical means and dispose of waste material in accordance with environmental regulations.

Note safety instructions in sections 7 and 8.

Safety Data Sheet

according to the Commission Directive 1907 / 2006 EG, Article 31

7. Handling and Storage:

Handling

Indications for a safe handling

Avoid stirring up dust.
For safety reasons, the use of a protective strainer is recommended during the filling process.

Storage

Requirements for storage

Store in dry rooms and closed boxes.

Storage classification:

LGK 13 (Non-flammable solids)

Further indications for storage conditions:

No indications

8. Exposure Controls / Personal Protection Equipment:

8.1 Parameters to be monitored.

Occupational exposure limit values and/or biological limit values

Occupational Limited Values (OELs) Germany for Dust:

Inherent portion €: 10mg/m²

Alveol-containing portion (A): 1,25mg/m²

With an overshoot factor of 2lt each. TRGS 900

Protective equipment:

Hand protection:

Wear protective gloves.

Eye protection:

Wear protective goggles.

Respiratory protection:

Dust mask needed only if dust is being stirred up. Fine dust mask providing protection level P1 necessary only if MAK value is exceeded.

General precautions for hygiene:

Do not smoke, eat, or drink during work.
Avoid contact with skin, eyes, and clothes.

Safety Data Sheet

according to the Commission Directive 1907 / 2006 EG, Article 31

9. Physical and Chemical Properties:

Appearance:	Solid, round
Color:	White-translucent
Smell:	neutral

Melting point:	about 730°C
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Flashpoint:	Does not apply.
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Ignition temperature:	Does not apply.
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Lower explosion limit:	Does not apply.
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Upper explosion limit:	Does not apply.
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Density:	about 2,5 g/cm ³
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Solubility in water:	Not soluble
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10. Stability and Reactivity:

Reactivity	Not reactive. Does not change when handled and stored properly.
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Chemical Stability	Stable under normal conditions
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Hazardous reactions	None known.
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To be avoided	No decomposition if used as directed
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11. Toxicological Information:

Acute toxicity:	none known.
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Skin irritation:	none known.
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Eyes irritation:	none known.
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Sensitization:	none known.
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Safety Data Sheet

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12. Ecological Information:

- Toxicologically ecological effects

<u>Components</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
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- Further ecological hints: According to previous experience this product is inert and non-bradable.

13. Disposal Considerations:

If utilization is not possible, waste be disposed of in accordance with national and local regulations. Agree the exact waste key with the waste disposal company.

Waste key according to AVV: 12 01 17 blasting waste other than that mentioned in 12 01 16

14. Transport information:

Belongs not to dangerous goods in terms of forwarding regulations.

15. Regulatory Information:

EU legislation: Glass beads are not subject to Regulation 722/2012/EU (AID-free)

National Regulations:

Water hazard class: Does not constitute a danger to water under VwVwS, Annex 4

Technical instructions Air: Not mentioned by name.

Various: Glass beads are not subject to VOC decoding

International Regulations: All ingredients of the glass beads are TSCA listed.

Safety Data Sheet

according to the Commission Directive 1907 / 2006 EG, Article 31

16. Other Information:

No other information

The statements of this Safety Data Sheet correlate to our actual status of knowledge and comply with the national and European regulations. The other working conditions of the user are not subject to our control and knowledge. The product mustn't be used for any other purpose than indicated in Part 1 without written permission. The user is responsible for respecting all necessary legal regulations.

The safety data sheet serves as description of products regarding necessary safety measures. The indications do not have the meaning of guarantees on properties and do not establish a contractual legal relationship.