

Safety Data Sheet

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

Yeti - Corundum Art.922-1050/922-1110/922-1250

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

Trade name: Yeti Corundum, white
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	NK (average)	NK Micro (average)	EK (average)	EK Micro (average)	EKR (average)
Aluminum oxide	95,65%	95,77%	99,73%	99,69%	99,30%
Titanium dioxide	2,42%	2,79%	-	-	-

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Chemical description	EINECS	CAS Nr.	REACH Reference No.
Aluminum oxide	215-691-6	1344-28-1	01-2119529248-35-0010
Titanium dioxide	236-675-5	13463-67-7	-

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.
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.

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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/m³

Alveol-containing portion (A): 1,25mg/m³

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.

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9. Physical and Chemical Properties:

Appearance:	solid
Color:	white / brown / pink
Smell:	neutral
Melting point:	about 2000°C
Flashpoint:	Does not apply.
Ignition temperature:	Does not apply.
Lower explosion limit:	Does not apply.
Upper explosion limit:	Does not apply.
Density:	3,9-4,1 g/cm ³
Solubility in water:	Not soluble

10. Stability and Reactivity:

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

11. Toxicological Information:

Acute toxicity:	none known.
Skin irritation:	none known.
Eyes irritation:	none known.
Sensitization:	none known.

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12. Ecological Information:

- Toxicologically ecological effects

<u>Components</u>	<u>Type</u>	<u>Value</u>	<u>Species</u>
-	-	-	-

- 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.

14. Transport information:

Belongs not to dangerous goods in terms of forwarding regulations.

15. Regulatory Information:

Labelling in accordance with European Community directives.

Hazard symbols Does not apply.
Code letters Does not apply.

R-Phrases Does not apply.
Does not apply.

S-Phrases Not applicable
Not applicable

National Regulations:

Water hazard class Does not constitute a danger to water under VwVwS of 27th July 2005, Annex 1

International Regulations:

All ingredients of the corundum are TSCA, AICS, DSL/NDSL, KECL, ENCS, PICCS, ICES, NZIoC, TCSCA and KKDIK listed.

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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 must not 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.