

EG – Safety Data Sheet

YETI Dentalprodukte GmbH

According to 1907/2006/EG, article 31

YETI EXPANSION

Investment for crowns and bridges

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

1.1 Identification of the Substance/Preparation

YETI EXPANSION Item-No. 955-0090 Investment material
Item-No. 955-0000 (50x90g.+1000 ml Liquid) Set

1.2 Company Identification

YETI Dentalprodukte GmbH
Industriestraße 3
D-78234 Engen
Germany
E-Mail: sdb@yeti-dental.com

Information: Tel. +49 77 33 / 94 10 0 Fax +49 77 33 / 94 10 22
(Mo. – Thu. 8h – 16h30, Fr. 8h – 14h)

Emergency: Tel. +49 77 33 / 94 10 0 Fax +49 77 33 / 94 10 22
(Mo. – Thu. 8h – 16h30, Fr. 8h – 14h)

2. Hazard identification

None if product is used according to determinations.

3. Composition / Information on ingredients

| | | |
|----------------------------|--------|----------------|
| Silicon crystalline | 20-40% | CAS:14464-46-1 |
| Silicon quartz crystalline | 50-80% | CAS:14808-60-7 |
| Magnesium oxyde | 5-10% | CAS:1309-48-4 |
| Monoammonium phosphate | 5-10% | CAS:7722-76-1 |

4. First-aid measures

After eye contact

If product comes into contact with the eyes, immediately rinse thoroughly under running water.

After ingestion

If symptoms persist, please seek for medical assistance.

Dokument: Erstellt am/von: geändert am/von: Revision: freigegeben am/von: Seitenzahl:
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Yeti2/QM-neu/SDB/Yeti/01.08.08

5. Fire-fighting measures

Suitable extinguishing media

No restrictions in case of surrounding fires.

Special danger caused by the products, its combustion products or emerging gases:

NH₄H₂PO₄ decomposes into diphosphate and NH₃ at approx. 190°C.

Special protection equipment during fire extinguishment:

No special measures required.

6. Accidental release measures

Personal precautions:

Avoid formation of dust.

Environmental protection measures and cleaning

To be picked up with an adequate device and to be disposed

7. Physical and chemical properties

Appearance

Form: powdery
Colour: white
Odour: neutral
Density at 20 °C ca. 1000kg/m³

8. Exposure controls / Personal protection

Engineering measures (prevention of worker exposure):

| CAS no. | description | value | type | value/unit |
|------------|------------------|-------|------|-----------------------------------|
| 14808-60-7 | SiO ₂ | OEL | | 0.15 g/m ³ (fine dust) |
| 1309-48-4 | MgO | OEL | | 1.5 g/m ³ (fine dust) |

Personal protective equipment

Respiratory protection

Fine dust mask when working with larger quantities.

Protection and hygiene measures

The customary precautionary measures for handling chemicals are to be observed.

Wash hands and / or face before breaks and the end of a working day.

9. Handling and Storage

Handling

No special measures necessary.

Storage class

VCI 10-13C

10. Stability and reactivity:

Hazardous products of decomposition

No decomposition if stored and used correctly.

NH₄H₂PO₄ decomposes in a preheating furnace into diphosphate and NH₃ as of approx. 190°C.

11. Toxicological information:

Information not required.

12. Ecological information:

Details on elimination (persistence and degradability)

Biodegradability

Can be separated mechanically to a large extent in purification plants.

Water hazard class

1 (self-assessment)

13. Disposal considerations:

Product rests

Have to be disposed according to current local regulations.

Contaminated packaging

To be treated in the same way as the product.

Non-contaminated packaging may be recycled.

14. Transport information:

No hazardous good in sense of general transport regulations.

15. Regulatory information

Identification requirement according to Hazardous Substances Regulations / EU Directives

Contains quartz dust, wear a fine-dust mask.

16. Other information:

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of general properties. It should neither be changed nor transferred to other products. Duplication in an unchanged state is permitted.

Fiche technique de sécurité – CE

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|--------------------------------|------------------|------------------|-----------|---------------------|-------------|
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