

# Safety Data Sheet

**YETI Dental GmbH**  
according EC 1907/2006 (REACH-VO)

## **730 Occlusion Powder**

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

#### 1.1 Identification of the Substance/Preparation

Occlusion Powder  
article no. 730-0000

#### 1.2 Company Identification

YETI DENTALPRODUKTE GMBH  
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emergency information : 07733-94100 ( *Mo.-Do. 8h – 16h30, Fr. 8h-14h* )

### **2. Hazards Identifications**

- 2.1 Classification / Hazard characteristics: This product does not require labelling in sense of The preparation guideline 67/548/EWG and 1999/45/EG
- 2.2 Additional safety information Risk of skin burns caused by hot melt

### **3. Composition / Information on Ingredients**

Chemical characterisation	neutral wax
CAS No.	8002-74-2
EINECS No.	232-315-6
Hazard ingredients	none

### **4. First-Aid Measures**

General information:	Take away contaminated clothes
Eye contact:	In case of contact with eyes, rinse immediately thoroughly with water
Skin contact:	In case of contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin.
Inhalation:	Move affected person into fresh air, keep warm and allow to rest. In Case of respiratory tract irritation, consult a physician.
Ingestion	Rinse mouth thoroughly with water. Do NOT induce vomiting.
Physician	No data available

### **5. Fire-Fighting Measures**

Suitable extinguishing media:	sand, foam, dry powder, carbon dioxide (CO <sub>2</sub> )
Extinguishing media	water
Special exposure hazards	In case of fire may be liberated: Carbon dioxide, Nitro oxides (NO <sub>x</sub> ), soot and other organic products
Special protective equipment	In cas of fire: Wear self-contained breathing apparatus
Special explosion/fire hazards	Fine dust can form an explosive mixture with air
Additional information:	Use water spray to protect personal and to cool endangered containers.

## 6. Accidental Release Measures

Personal precautions:	Wear breathing apparatus if exposed to vapour/ dusts/ aerosols
Environmental precautions:	Do not allow to drains, water courses or soil
Cleaning procedures:	Allow product to cool down and solidify. Collect in suitable containers For recycling or disposal. Please look disposal considerations

## 7. Handling and Storage

### 7.1 Handling:

Ignition sources should be avoided due to dust explosion danger and precautions taken on electrostatic charge.

### 7.2 Storage :

Protect open packet from UV-radiation. Store and transport dry and cool, well ventilated place

Storage Class:	11 ( burnable solids )
Fire Class:	B
Typical applications:	Observe technical data sheet

## 8. Exposure Controls / Personal Protection

Components with workplace control parameters

National exposure limit value:	general dust limit
European exposure limit value:	Not applicable
Engineering measures:	In case of thermal processing adequate ventilation.
Respiratory protection:	single-use particle mask
Hand protection:	Hand protection is recommended. Use also skin cream
Eye protection:	Use safety glasses to avoid splashes (side protection)
Body protection:	Wear adequate clothes when working with hot wax (flame Retardant protective clothing)
Hygiene measures:	Usual precautions for proper handling of chemicals should Be observed. After work clean the skin with soap. Avoid inhalation of wax fume. Not eat, drink and smoke during work !

## 9. Physical and Chemical Properties

Form:	solid
Appearance:	powder
Colour:	white to off-white
Odour:	low typical
Ph-value:	not applicable
Drop point (DIN ISO 2176)	90-140°C
Explosive properties	fine dust can form an explosive mixture with air
Boiling temperature	undetermined
Vapour pressure	undetermined
Density 20°C (DIN 53217)	approx. 0,93 g / cm <sup>3</sup>
Water solubility 20°C	insoluble
Viscosity at 140°C (DIN 53019)	<300 mPas
Flash point (DIN ISO 2592)	> 180°C
Ignition temperature:	not available

## 10. Stability and Reactivity:

Conditions to avoid:	fine dust can build an explosive mixture with air
Thermal decomposition:	None when used according to determinations.
Hazardous decomposition products:	None when used according to determinations.
Hazardous reactions:	As micropowder have the ability to explode do not bring together with highly oxidizing agents.

## 11. Toxicological Information:

Non-human toxicological data

Acute oral toxicity

LD50 (rat) >2000 mg/kg

Additional information

Data obtained by analogy e.g. QSAR

## 12. Ecological Information:

Ecotoxicity

Not readily biodegradable

Behaviour in environmental compartments:

Technically correct releases of minimal concentrations to adapted biological sewage plant, Will not disturb the biodegradability of activated sludge.

Further information:

Do not allow uncontrolled discharge of product into the environment.

## 13. Disposal Considerations:

Product:

With respect to local regulations, e.g. dispose of to suitable waste Incineration plant.

Waste key number:

No waste key number as per the European Waste types list can be Assigned to this product, since such classification is based on the (as yet undetermined) use to which the product is put by the consumer. The waste key number must be determined as per the European Waste Types List (decision on EU Waste Types List 2000/532/EC) in cooperation With the disposal firm/producing firm / official authority.

Empty packages:

Packing which cannot be properly cleaned must be disposed of.

## 14. Transport Information:

No regulations for transport of the product to our actual stand of knowledge.

Observe point 7.2.-no dangerous goods-

ADR/RID	non restricted
GGVS/GGVE	-
IATA-TI	-
IATA-DGR	-
IMDG	-
GGVSee	-

## 15. Regulatory Information:

Labelling / EC-directive: The product does not require a hazard warning label in accordance To 67/548/EWG and 1999/45/EC

National regulation: Check local regulation an contact administration

Water hazard class: no water endangering; in accor. to VwVwS

## 16. Other Information:

Recommended restrictions on use: Not heated up to temperatures higher than flash point.

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