

Wax – model casting (stencils, brackets, brackets, rods, retentions, Grid, cast and preparation wax)

11294-0006



SECTION 1: Identification of the substance or mixture and of the company

Wax – model casting technology - consumables.

1.1. Product identifier: designation / item number

Product form: mixtures

1.2. Product identifier: designation / article number

CONSEQUENT MK	109-0000				
Stencils/clamps	110-0000	111-0000	112-0000	113-0000	114-0000
	115-0000				
Retentionen m. Abs.	116-0000	117-0000	125-1000	126-1000	
Retentions / Grids	120-0000	121-0000	122-0000	123-0000	125-0000
	126-0000	127-0000			
Casting wax smooth	130-3000	130-3500	130-4000	130-5000	130-6000
	130-7000				
Grained casting wax	133-4000	133-5000	133-6000		
Textured casting wax	131-3500	131-4000	131-4500	131-5000	131-6000
	132-3500	132-4000	132-4500	132-5000	132-6000
Preparation wax	135-5000	135-6000	135-7000		
CONSEQUENT AW	139-0000				
CONSEQUENT Profils.	152-0600	152-0800	152-1000	152-1200	152-1500
profile bars					
	151-0600	151-0800	151-1000	151-1200	151-1500
	171-1000	181-1300	191-1700	191-2000	
CONSEQUENT clip	192-1700	192-2000	192-2300		
Retention beads	716-5010	717-5010			
CONSEQUENT	728-0010	728-0020	728-0030		
universal					

1.3. Relevant identified uses of the substance or mixture and uses advised against Use of the substance/mixture technical products made from wax for produce crowns and bridges, model casting and reconstructions in the laboratory.

Details of the supplier providing the safety data sheet

Company name:	YETI Dentalprodukte GmbH
Street:	Industriestraße 3
Location:	D-78234 Engen
Telephone:	+49 7733-9410-0
Fax:	+49 7733-9410-22
Department providing information:	sdb@yeti-dental.com

1.4. Emergency number +49 7733-9410-0 (Mo-Do 8:00 - 16:30, Fr 8:00 - 15:00)

Safety data sheet in accordance with REACH Regulation (EC) No. 1907/2006 including amending Regulation (EU) 2020/878 YETI Dental Products GmbH

Revised on: December 11, 2015 Replaced: January 30, 2023 Revision number: 2.0

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SECTION 2: Potential Hazards

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008 [CLP]

The mixture is not classified as dangerous within the meaning of Regulation (EC) No. 1272/2008

2.2. Marking elements

Note on labeling according to Regulation (EC) No. 1272/2008 [CLP]

The product does not require labeling according to EC guidelines.

2.3 Other dangers

According to Regulation (EC) No. 1907/2006 (REACH), this product does not contain any PBT / vPvB substances

assessed according to REACH Annex XIII

The mixture does not contain any substances listed due to endocrine disrupting properties in accordance with REACH Article 59(1) or that have been identified in accordance with the criteria of Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 it does not contain any substances with dedocrine properties in a concentration of at least 0.1%

SECTION 3: Composition/information on ingredients

3.1. Substances not applicable

3.2. Mixtures

chemical characterization

Mixture of different waxes with additives

This mixture does not contain any substances subject to notification according to the criteria from 3.2 of Annex II of the REACH Regulation

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice

After inhalation

When used as intended, exposure through inhalation is not expected.

after skin contact

Wash with soap and a lot of water. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse immediately with plenty of water, including under the eyelid, for at least 15 minutes.

Ophthalmological treatment.

After swallowing

Do not induce vomiting. Rinse your mouth and drink plenty of water. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice. Do not drink any neutralizer.

4.2. Most important acute and delayed symptoms and effects

When used as intended, no health impairments are known or expected.

4.3. Indications of immediate medical attention or special treatment

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media/Suitable extinguishing media

Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water spray.

Unsuitable extinguishing agents

Full water jet

5.2. Special hazards arising from the substance or mixture

Fire can produce: carbon monoxide and carbon dioxide. Vapors are heavier than air and spread across the air

floor. Re-ignition possible at long distances.

5.3. Advice for firefighting

Use breathing apparatus independent of circulating air. Protective clothing.

Additional information

Cool containers at risk with water spray. Do not use a full water jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Bring unprotected people to safety. Remove sources of ignition

6.1.1 Non-emergency trained personnel

Emergency measures: Ventilate contaminated areas

6.1.2 Emergency forces

Protective equipment: Do not attempt to operate without protective equipment. For further information see section 8

Exposure controls and personal protective equipment.

6.2. Environmental protection measures

Do not allow to enter drains/surface water/groundwater.

6.3. Methods and materials for containment and cleaning up

Collect mechanically and place in suitable containers for disposal.

6.4. Reference to other sections

Observe protective regulations (see section 8 "Exposure controls/personal protection").

Information to disposal see chapter 13.

SECTION 7: Handling and storage

7.1. Protective measures for safe handling

Information on safe handling/hygiene measures

Do not leave vessels/containers open. General hygiene measures. When using do not eat, drink or smoke. Wash hands before breaks and at the end of work.

Information about fire and explosion protection

No special fire protection measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers

No special actions required.

Storage instructions

Keep away from food, drinks and feed. Not together with oxidizing and store self-igniting substances.

Storage class (LGK): LGK13 – Non-combustible solids

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SECTION 8: Exposure controls/personal protection

8.1. Parameters to monitor

8.1.1 National occupational exposure limits and biological limits

No further information available

8.1.2 Recommended monitoring procedures

No further information available

8.1.4 DNEL and PNEC values

No further information available

8.1.5 Control banding

No further information available

8.2. Limitation and monitoring of exposure

8.2.1 Appropriate technical control devices

Ensure adequate ventilation. For sufficient air exchange and/or
Provide extraction in the work rooms.

8.2.2 Personal protective equipment

8.2.2.1 Eye/face protection

Tightly fitting safety glasses (EN 166).

8.2.2.2 Hand protection

Chemical protection gloves made of butyl, layer thickness at least 0.4 mm, breakthrough time (wearing time >480 minutes) standard EN ISO 374

Depending on the application, different requirements may arise. Therefore, the recommendations of the protective glove supplier must also be taken into account.

Body protection

Long-sleeved work clothing (DIN EN ISO 6530). Wear fire-retardant clothing that covers your body.

Respiratory protection

Use respiratory protection if fumes/mist develop. (Full mask, filter A).

Limiting and monitoring environmental exposure

Avoid release to the environment

SECTION 9: Physical and chemical properties

9.1. Information on the basic physical and chemical properties

Physical state:	solid
Color:	according to product description
Odor:	weak
Odor threshold	not available
Melting point:	n. a.
Start of boiling point and boiling range:	n. a.
Softening point:	n. a.
Dropping point:	70 - 110°C
Flash point:	> 140 °C
Auto-ignition temperature	n. a.
Decomposition temperature	n. a.
Explosion hazards:	The product is not explosive.
Density (at 20°C):	0.9 g/cm ³
Relative density	n. a.
Relative vapor density at 20°C	n. a.
Water solubility:	Partially miscible
Dynamic viscosity: (at 20 °C)	> 50 mPa s

(n.a. - not applicable, n.a. - not determined)

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9.2. Other Information

9.2.1 Information about physical hazard classes

No data available.

9.2.2 Other safety-related parameters

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored, used and transported as intended

Polymerization with the development of heat.

10.2. Chemical stability

Chemically stable under normal conditions

10.3. Possibility of dangerous reactions

There are no known dangerous reactions under normal conditions of use.

10.4. Conditions to avoid

Protect from heat and direct sunlight

10.5. Incompatible materials

Strong oxidizing agents

10.6. Dangerous decomposition products

No dangerous decomposition products are known under normal storage and use conditions.

SECTION 11: Toxicological information

11.1. Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

Acute toxicity (oral): Not classified. Based on the available data, the classification criteria are not met.

Acute toxicity (Dermal): Not classified. Based on the available data, the classification criteria are not met.

Acute toxicity (inhalation): Not classified. Based on the available data, the classification criteria are not met.

Skin corrosion/irritation: Not classified. Based on the available data, the classification criteria are not met.

Serious eye damage: Not classified. Based on the available data, the classification criteria are not met.

Respiratory sensitization: Not classified. Based on the available data, the classification criteria are not met.

Germ cell mutagenicity: Not classified. Based on the available data, the classification criteria are not met.

Carcinogenicity: Not classified. Based on the available data, the classification criteria are not met.

Reproductive toxicity: Not classified. Based on the available data, the classification criteria are not met.

Specific target organ toxicity - single exposure: Not classified. Based on the available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure: Not classified. Based on the available data, the classification criteria are not met.

Aspiration hazard: Not classified. Based on the available data, the classification criteria are not met.

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11.2 Information about other dangers

No further information available

SECTION 12: Ecological information

12.1. toxicity

Ecology in general: The product is not considered harmful to aquatic organisms nor does it cause long-term damage

Damage to the environment.

Hazardous to the aquatic environment in the short term (acute): Not classified. Based on the available data, the classification criteria are not met

Hazardous to the aquatic environment long-term (chronic) Not classified. Based on the available data, the classification criteria are not met

12.2. Persistence and degradability

No further information available

12.3. Bioaccumulative potential

No further information available

12.4. Mobility in the ground

No further information available

12.5. Results of the PBT and vPvB assessment

No further information available

12.6. Other adverse effects

No further information available

12.7. Other adverse effects

No further information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods:

Dispose of contents/container according to approved collector's sorting instructions. The waste code/waste name refers to the end product. To be determined by the customer after consultation with a suitable disposal company.

SECTION 14: Transport information

According to ADR/IMDG/IATA/ADN/RID

	ADR	IMDG	IATA	ADN	RID
14.1 UN number or ID number	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard classes	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packaging group	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards	Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No additional information available					

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14.6. Special precautions for the user

Land transport not regulated

Sea transport not regulated

Air transport not regulated

Inland waterway transport not regulated

Rail transport not regulated

14.7. Bulk carriage by sea in accordance with IMO instruments

Not applicable. Not dangerous goods in terms of transport regulations.

SECTION 15: Legislation

15.1. Safety, health and environmental regulations/legislation specific to the substance or mixture

15.1.1 EU regulations

REACH Annex XVII (List of Restrictions)

Does not contain any substances listed in REACH Annex XVII (Restricted List).

REACH Annex XIV (approval list)

Does not contain any substances listed in REACH Annex XVII (authorization list).

REACH candidate list (SVHC)

Does not contain any substances listed on the REACH candidate list.

PIC Regulation (Prior Informed Consent)

Does not contain any substances listed on the PIC list (Regulation EU649/2012 on the export and import of hazardous chemicals).

POP Regulation (Persistent Organic Pollutants)

Does not contain any substances that are listed on the POP list (Regulation EU2019/1021 on persistent organic pollutants).

Ozone Regulation (1005/2009)

Does not contain any substances that are listed on the ozone depletion list (EU Regulation 1005/2009 on substances that deplete the ozone layer).

Regulation on explosives precursors (EU2019/1148)

Does not contain any substances on the list of explosives precursors (Regulation EU 2019/1148 on the marketing and use of explosives precursors).

Drug Precursor Regulation (EC 273/2004)

Does not contain any substances that are on the list of drug precursors (EC Regulation 273/2004 on drug precursors).

15.1.2 National regulations

Germany

Employment restrictions: Observe restrictions according to the Maternity Protection Act (MuSchG).

Observe restrictions in accordance with the Youth Employment Protection Act (JArbSchG).

Water hazard class (WGK): WGK2, Significantly hazardous to water (classification according to AwSV, Annex 1)

Major Incident Ordinance (12 BImSchV): Not subject to the Major Incident Ordinance (12 BImSchV)

15.2 Chemical safety assessment

A chemical safety assessment was not carried out

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SECTION 16: Other information

Change notes: All sections have been revised compared to the previous version

Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Water
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BKF	bioconcentration factor
ATE	acute toxicity estimate
DMEL	Derived exposure level with minimal adverse effects
DNEL	Derived exposure level without adverse effects
IATA	Association for International Air Transport
IMDG	dangerous goods regulations for international sea transport
RID	regulations for the international carriage of dangerous goods by rail
DOT	Department of Transportation
TDG	dangerous goods transport
REACH	regulation for the registration, evaluation, authorization and restriction of chemical substances, Regulation (EC) No. 1907/2006
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
IARC	International Agency for Research on Cancer
vPvB	very persistent and very bioaccumulative
PBT	Persistent, bioaccumulative and toxic substance
PNEC	Estimated no-effect concentration
IBC-Code	Internal safety regulations for the transport of dangerous chemicals and those harmful to health Liquids as bulk goods in maritime shipping
CLP	Regulation on Classification, Labeling and Packaging, Regulation (EC) No. 1272/2008
MARPOL	MARPOL73/78: The International Convention for the Prevention of Marine Pollution by ships
ADG	Australian dangerous goods transport
BLV	biological limit value
BOD	Biochemical Oxygen Demand (BOD)
COD	Chemical oxygen demand (COD)
EC-No.	European Community number
EC50	medium effective concentration
EN	European standard
LC50	Concentration lethal for 50% of a test population
LD50	Lethal dose for 50% of a test population (median lethal dose)
LOAEL	Lowest dose with observable adverse effect
NOAEC	concentration with no observable adverse effect
NOAEL	dose with no observable adverse effect
NOEC	Highest concentration tested with no observable harmful effect
OECD	Organization for Economic Cooperation and Development
OEL	workplace limit value
SDB	safety data sheet
STP	sewage treatment plant
ThSB	Theoretical oxygen demand (ThSB)
TLM	median tolerance limit
VOC	Volatile organic compounds
CAS	Chemical Abstract Service – Number
N.A.G.	Not Otherwise Mentioned
ED	Endocrine harmful properties

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More information

The information in positions 4 to 8 and 10 to 12 is partly not related to the use and the correct use of the product (see instructions for use/technical information), but rather on the Release of larger quantities in the event of accidents and irregularities.

The information solely describes and supports the safety requirements of the product(s) based on the current state of our knowledge.

The delivery specifications can be found in the respective product data sheets.

They provide no guarantee of the properties of the product(s) described in the sense of the statutory warranty regulations.

This information is based on our current knowledge and is intended to describe the product only in terms of health, safety and environmental conditions. They should therefore not be construed as a guarantee for specific properties of the product.