Safety Data Sheet according to Regulation (EC) No 1907/2006
YETI Dentalprodukte GmbH
Revision date: 09.05.2016 Revision No: 1,1

Wax- Specialwax (Crowns and Bridges)

11294-0006

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier: Crown and Bridges, Modellingwax
MW = Modellingwax CW = Casting Wax

NAWAC COMPACT MW	717-5101	718-5101	719-5101	
IQ ASH-FREE MW	709-5000	710-5000	713-5000	714-5000
IQ OPAQUE MW	709-5001	710-5001	713-5001	714-5001
IQ COMPACT ASH-FREE MW	709-5100 715-5100	710-5100 716-5100	713-5100	714-5100
IQ COMPACT OPAQUE MW	709-5101 715-5101	710-5101 716-5101	713-5101	714-5101
WAX GIANT single-line MW	732-5001	734-5001	736-5000	
WAX GIANT double-line MW	733-5001	735-5001	737-5000	
THOWAX MW	700-0000 711-0000	708-0000 712-0000	709-0000 713-0000	710-0000 714-0000
VKS MW	710-2000	714-2000		
MONOLITH THOWAX CHIP MW	710-1000	714-1000		
CONSEQUENT MW (also CW)	728-0010	728-0020	728-0030	

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture
Waxes for the preparation of crowns and bridges, model castings and reconstructions

1.3. Details of the supplier of the safety data sheet

Company name: YETI Dentalprodukte GmbH
Street: Industriestrasse 3
Place: D-78234 Engen
Telephone: +49 7733-9410-0
Telefax: +49 7733-9410-22
sdb@yeti-dental.com

Responsible for the safety data sheet: sds@gbk-ingelheim.de

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

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Regulation (EC) No. 1272/2008
This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.
2.2. Label elements
Additional advice on labelling
The product does not require a hazard warning label in accordance with EC directives.
2.3. Other hazards According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a
PBT / vPvB substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization
Mixture of different waxes with additives.
Hazardous components: not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

General Information
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove contaminated soaked clothing immediately. Keep warm and calm injured person. Take away from danger area and lay down affected person.

After Inhalation
When used as intended, exposure through inhalation is not to be expected

After contact with skin
Wash off with soap and plenty of water.
Consult a doctor if skin irritation persists.

After contact with eyes
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical treatment by eye specialist.

After ingestion
Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person. Summon a doctor immediately. Do not give neutralising liquids.

4.2. Most important symptoms and effects, both acute and delayed

Health injuries are not known or expected under normal use.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Alcohol-resistant foam, dry chemical, carbon dioxide (CO2), water-spray.
Unsuitable extinguishing media
Full water jet
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5.2. Special hazards arising from the substance or mixture

Fire may produce: Carbon monoxide and carbon dioxide. Vapours are heavier than air and spread along ground . Flashback at a long distance is possible.

5.3. Advice for firefighters

Use breathing apparatus with independent air supply.
Protective suit.

Additional information
Cool containers at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In case of vapour formation use respirator. Ensure adequate ventilation. Use personal protective clothing. Get unprotected persons to safety. Keep away from heat and sources of ignition. Avoid contact with the skin and the eyes. Do not inhale vapour/aerosol.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water. Risk of explosion.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).
Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
Do not keep containers unlocked. Handle in accordance with the general hygienic rules. When using do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Contaminated work clothing should not be allowed out of the workplace. Avoid formation of Aerosols.

Advice on protection against fire and explosion
No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
No special precautions required.

Advice on storage compatibility
Keep away from food, drink and animal feeding stuffs. Do not store together with oxidizing and self-igniting products.Do not store with: oxidizing substances.

Further information on storage conditions
Use only in well-ventilated areas. Keep containers tightly closed in a cool, well-ventilated place. Protect from heat and direct solar radiation
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7.3. Specific end use(s)^

Waxes for the preparation of crowns and bridges, model castings and reconstructions

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
8002-74-2	Paraffin wax, fume	-	2		TWA (8 h)	WEL
		-	6		STEL (15 min)	WEL

8.2. Exposure controls



Appropriate engineering controls
Technical measures and the application of suitable work processes have priority over the use of personal protective equipment. Ensure adequate ventilation. Provide sufficient air exchange and/or exhaust in work rooms.

Protective and hygiene measures
Avoid contact with eyes and skin. Wash hands before breaks and immediately after handling the product . When using do not eat, drink or smoke. Take off immediately all contaminated clothing.

Eye/face protection
Tightly fitting goggles (EN 166). Eye wash bottle with pure water (EN 15154).

Hand protection
Protective gloves resistant to chemicals made off butyl, minimum coat thickness 0,7 mm, permeation resistance (wear duration) > 240 minutes, i.e. protective glove <Butoject 898> made by www.kcl.de.
This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions. Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection
Long sleeved clothing (EN 368). Wear fire retardant protective coveralls. Take precautions against electrostatic discharges.

Respiratory protection
In case of vapour / mist formation use respirator. (Full mask, filter A).

Environmental exposure controls
Do not empty into drains Explosion risk.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid matter
Colour:	according to product specification
Odour:	faint
pH-Value:	n.a.

Changes in the physical state

Melting point:	n.d.	
Initial boiling point and boiling range:	n.d.	
Softening point:	n.d.	
Drop point:	70 - 110 °C	DIN 2176
Flash point:	> 140 °C	ISO 1523
Flammability Solid:	n.d.	
Explosive properties	The product is not explosive.	
Lower explosion limits:	n.d.	
Upper explosion limits:	n.d.	
Ignition temperature:	n.d.	
Auto-ignition temperature Solid:	n.d.	
Oxidizing properties:	n.d.	
Vapour pressure:	(at 20 °C) n.d.	
Density (at 20 °C):	0,9 g/cm³	DIN 53217
Water solubility:	Partially miscible	
Solubility in other solvents	n.d.	
Viscosity / dynamic: (at 20 °C)	> 50 mPa·s	DIN 53019
Viscosity / kinematic:	n.d.	
Flow time:	n.d.	
Vapour density:	n.d.	
Solvent content:	0%	

9.2. Other information
Other information
(n.a. = not applicable; n.d. = not determined)

SECTION 10: Stability and reactivity

10.1. Reactivity
No decomposition if stored and applied as directed. If heating up polymerisation.

10.2. Chemical stability
Chemically stable.

10.3. Possibility of hazardous reactions
Heating can release vapours which can be ignited.

10.4. Conditions to avoid
Protect from heat and direct solar radiation.

10.5. Incompatible materials
Oxidizing agents (strong)..

10.6. Hazardous decomposition products
No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
Based on available data, the classification criteria are not met.
Conclusion by analogy (QSAR):
LD50/oral/rat: > 2000 mg/kg
LD50/dermal/rabbit: > 2000 mg/kg

Irritation and corrosivity
Based on available data, the classification criteria are not met.

Sensitising effects
Based on available data, the classification criteria are not met.

STOT-single exposure
Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure
Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction
Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological information

12.1. Toxicity
Not determined

12.2. Persistence and degradability
Not determined

12.3. Bioaccumulative potential
Not determined

12.4. Mobility in soil
Not determined

12.5. Results of PBT and vPvB assessment
According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

12.6. Other adverse effects
When low concentrations are discharged correctly into adapted biological sewage treatment plants, interference with the degradation activity of activated sludge is not likely. Elemination essentially by adsorption to activated sludge.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Advice on disposal
This material and its container must be disposed of as hazardous waste. If recycling is not practicable, dispose of in compliance with local regulations. The waste code number must be agreed with the disposer / manufacturer.

Contaminated packaging
Empty containers should be taken for local recycling, recovery or waste disposal.
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. Contaminated packagings are to be treated like the product itself. Recommended cleaning agent: water with detergents.

SECTION 14: Transport information

Land transport (ADR/RID); Marine transport (IMDG); Air transport (ICAO); Inland waterways transport (ADN)

14.1. UN number:
Not applicable. No hazardous material as defined by the transport regulations.

14.2. UN proper shipping name:
Not applicable. No hazardous material as defined by the transport regulations.

14.3. Transport hazard class(es):
Not applicable. No hazardous material as defined by the transport regulations.

14.4. Packing group:
Not applicable. No hazardous material as defined by the transport regulations.

14.5. Environmental hazards
Not applicable. No hazardous material as defined by the transport regulations.

14.6. Special precautions for user
Not applicable. No hazardous material as defined by the transport regulations.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable. No hazardous material as defined by the transport regulations.

SECTION 15: Regulatory information

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

EU regulatory information
2004/42/EC (VOC): 0 %
Additional information
The product is labeled in accordance with Regulation (EC) no. 1272/2008 (GHS).
National regulatory information
Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment
For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
IMDG = International Maritime Code for Dangerous Goods
IATA/ICAO = International Air Transport Association / International Civil Aviation Organization
MARPOL = International Convention for the Prevention of Pollution from Ships
IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
CAS = Chemical Abstract Service
EN = European norm
ISO = International Organization for Standardization
DIN = Deutsche Industrie Norm
PBT = Persistent Bioaccumulative and Toxic

LD = Lethal dose
LC = Lethal concentration
EC = Effect concentration
IC = Median immobilisation concentration or median inhibitory concentration

Further Information
Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.
The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.
The delivery specifications are contained in the corresponding product sheet.
This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.
(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet)