



Safety data sheet

according to Regulation (EC) No. 1907/2006

Trade name: Build-up Resin 2 x 3g. (Art.890-1300)
Valid from: May 1st, 2015
New version: 2.3
Revised on: July 19th, 2024
Replaces version: 2.2 from February 9th, 2024

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Section 1. Identification of the substance/mixture and of the company/undertaking

- 1.1 Product identifier
Build-up resin LC / modeling resin blue Item no. 890-1300
- 1.2 Relevant identified uses of the substance/mixture
Light-curing, dental modeling gel
- 1.3 Details of the manufacturer/supplier of the safety data sheet

YETI Dentalprodukte GmbH
Industriestr.3
DE-78234 Engen
www.yeti-dental.com
www.dentalwax.com
info@yeti-dental.com
Tel. +49 (0)7733-9410-0
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Devices +49 (0)7733-9410-14 technik@yeti-dental.com
Dental technology +49 (0)7733-9410-20 labor@yeti-dental.com

- 1.4 Emergency number
Tel. +49 (0)7733-9410-0 (Mon.-Thurs. 8.00 a.m.-4.30 p.m./ Fri. 8.00 a.m.-2.30 p.m.)

Section 2. Hazards identification

- 2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No.1272/2008 This mixture is not classified as dangerous according to Regulation (EC) No.1272/2008



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2.2 Label elements according to Regulation (EC) No. 1272/2008

Safety instructions

Safety instructions:

P280 Wear protective gloves/protective clothing/eye protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water

P305+351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses. Continue rinsing

P501 Dispose of contents/container in accordance with local regulations.

Special labelling of certain mixtures

For professional/industrial users only (application by qualified personnel)

2.3 Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII.

In the presence of radical formers (e.g. peroxides), reducing substances and/or

heavy metal ions, polymerisation with evolution of heat is possible.

Section 3. Composition / information on ingredients

3.2 Chemical characterization Mixture of acrylic resins and initiators Hazardous ingredients None (according to Regulation (EC) No.1907/2006 (REACH))



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Section 4. First aid measures

- 4.1 Description of first aid measures
General information
Medical help is required for symptoms that are obviously due to the product's effect on the skin, eyes or inhalation of vapors. Remove soiled, soaked clothing immediately.
After inhalation
Provide fresh air. Medical treatment required
After skin contact
Wash immediately with plenty of water and soap. Change contaminated clothing immediately.
Doctor required.
After eye contact
Remove contact lenses. Rinse immediately with plenty of water, holding the eyelid open.
Consult an ophthalmologist.
After swallowing
DO NOT induce vomiting. Do not attempt to neutralize. Doctor required.
- 4.2 Most important symptoms and effects, both acute and delayed. No information available
- 4.3 Indication of any immediate medical attention and special treatment needed
Symptomatic treatment.

Section 5. Fire-fighting measures

- 5.1 Extinguishing media
Suitable: water spray, foam (alcohol-resistant), carbon dioxide, powder, spray mist.
Unsuitable: full water jet
- 5.2 Special hazards arising from the substance or mixture
In the event of fire, dangerous vapors/gases can be formed: carbon monoxide, carbon dioxide.
The vapors of the product are heavier than air and spread along the ground. Ignition possible over a long distance.
- 5.3 Advice for firefighters
Only stay in the danger area with self-contained breathing apparatus.
Cool containers at risk from a safe distance with spray water.
Knock-down escaping vapors with water. Watch out for flashback!
Avoid the extinguishing water penetrating surface and groundwater as well as the soil.
Avoid skin contact by wearing suitable protective clothing and keeping a safe distance.



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Section 6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
Wear personal protective equipment. Ensure adequate ventilation. Do not inhale gas, smoke or vapors. Avoid contact with skin, eyes and clothing.
- 6.2 Environmental precautions
Avoid product and large quantities of contaminated washing water from entering waterways and soil. Cover drains to prevent entry.
- 6.3 Methods and material for containment and cleaning
Contain leaked material with neutralizing and non-combustible absorbent material and collect in the container provided for disposal in accordance with local regulations.
- 6.4 Reference to other sections
For safe handling, see section 7
For personal protective equipment, see section 8
For disposal, see section 13

Section 7. Handling and storage

- 7.1 Protective measures for safe handling

Note on safe handling

Ensure good room ventilation

Do not leave containers open.

Notes on fire and explosion protection

Keep away from sources of ignition. Do not smoke

Notes on general hygiene measures in the workplace

- Do not eat, drink or smoke in areas where work is carried out

- Wash hands and face thoroughly after use. Create and follow a skin protection plan

- Remove contaminated clothing/protective equipment before entering areas where eating is carried



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7.2 Conditions for safe storage, taking into account any incompatibilities

Requirements for storage rooms and containers

Store in a well-ventilated, dry and cool room

Recommended storage temperature: room temperature between 4°C -25°C.

May polymerize with strong heat development.

Storage together with the following substances is prohibited.

- Medicines, food and animal feed
- Spontaneously flammable substances
- Substances that form flammable gases with water
- Organic peroxides

Section 8. Exposure controls/Personal protection

8.1 Parameters to be monitored

8.2 Limiting and monitoring exposure

Individual protective measures, for example personal protective equipment

Eye/face protection

Tightly fitting safety goggles

Personal protective equipment

Personal protective equipment must be selected in a workplace-specific manner depending on the concentration and quantity of the hazardous substance.

Standard work protective clothing is sufficient.

Hand protection

Protective gloves should be changed regularly, especially if there is intensive contact with the product. A suitable type of glove must be selected for each workplace

Body protection

Wear standard work protective clothing



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Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: gel
Color: blue
Odor: characteristic

Safety-relevant data

Parameter	Value	Method	Remark
Vapour pressure (20°C)			n. a.
Flammability (solid/gaseous)			n. a.
Solids content			n. a.
Flash point (°C)	>150°C		
Odour threshold			n. a.
Solubility in water (20°C)			n. a.
Lower explosion limit			n. a.
Upper explosion limit			n. a.
Oxidising properties			n. a.
pH value (20°C)			n. a.
Vapour density (20°C)			n. a.
Density	1.1g/cm ³		
Relative density (24°C)			n. a.
Boiling point/range (°C)			n. a.
Melting point/freezing point (°C)			n. b.
Self-decomposition temperature			n. a.
Evaporation rate			n. b.
Partition coefficient n-octanol			n. b.
Viscosity, flow time (20°C)			n. b.
Viscosity, dynamic (mPas/20°C)	250*1000	mPa.s	
Decomposition temperature (°C)			n. b.
Ignition temperature			n. b.

n. b. = not determined n. a. = not applicable



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9.2 Other information/information on physical hazard classes

Autoignition temperature

Solid: not applicable

Gas: not applicable

Other safety parameters

Evaporation rate not determined

Solid content not determined

Dynamic viscosity (at 20°C) 250*1000 mPa.s

The product has not been tested. The statement is derived from the properties of the individual components.

Section 10. Stability and reactivity

10.1 Reactivity

No dangerous reactions when handled and stored as intended.

10.2 Chemical stability

The product is chemically stable under normal ambient conditions (room temperature).

10.3 Possible dangerous reactions

In the presence of radical formers (e.g. peroxides), reducing substances and/or heavy metal ions, polymerization with the development of heat is possible.

10.4 Conditions to avoid

To avoid premature polymerization, protect from heat, sunlight and light. Store in the original container between 4°C - 25°C

10.5 Incompatible materials

Oxidizing agents, reducing agents, heavy metals, acids, alkalis (lyes)

10.6 Dangerous decomposition products

None when used as intended

10.7 thermal decomposition

None when used as intended

Section 11. Toxicological information

11.1 Information on hazard classes according to Regulation (EC) No. 1272/2008

Acute toxicity

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



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ATEmix calculated

ATE (oral) >2000 mg/kg; ATE (dermal) >2000 mg/kg; ATE (inhalation vapor) >20mg/l; ATE (inhalation dust/mist) >5mg/l

Irritation and corrosive effects

Based on the available data, the classification criteria are not met

Sensitizing effects

Based on the available data, the classification criteria are not met
Sensitization is possible in predisposed persons.

Carcinogenic, mutagenic and reproductive toxic effects

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

Specific target organ toxicity with single exposure

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

Specific target organ toxicity with repeated exposure

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

Aspiration hazard

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

11.2 Further information on other hazards

General remarks

The product has not been tested. The statement is derived from the properties of the individual components.

Section 12. Environmental information

- | | | |
|------|------------------------------------|--|
| 12.2 | Persistence and degradability | The product has not been tested |
| 12.3 | Bioaccumulative potential | The product has not been tested |
| 12.4 | Mobility in soil | The product has not been tested. |
| 12.5 | Results of PBT and vPvB assessment | The substances in the mixture do not meet the PBT/vPvB criteria according to REACH Annex XIII. The product has not been tested |
| 12.6 | Endocrine disrupting properties | The product does not contain any substance that has endocrine disrupting properties towards non-target organisms, as none of the ingredients meets the criteria. |
| 12.7 | Other adverse effects | No information is available |
| | Further information | Do not allow the product to enter the environment, sewage system or waterways in an uncontrolled manner. |



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Section 13. Disposal considerations

13.1 Waste treatment methods/Disposal recommendations

Smaller quantities can be hardened with light and then disposed of with household waste. Larger quantities must be disposed of as hazardous waste in accordance with national regulations. Do not allow to enter drains or waterways. Dispose of in accordance with regulations.

Recommendation: Agree on the exact waste code with the waste disposal company.

Waste code for unused product

070208 Wastes from organic chemical processes; wastes from the MFSU of plastics, synthetic rubber and synthetic fibres; other reaction and distillation residues;

Classified as hazardous waste.

Waste code for used product

070208 Wastes from organic chemical processes; wastes from the MFSU of plastics, synthetic rubber and synthetic fibres; other reaction and distillation residues;

Classified as hazardous waste.

Waste code for uncleaned packaging

070208 Wastes from organic chemical processes; wastes from the MFSU of plastics, synthetic rubber and synthetic fibres; other reaction and distillation residues;

Classified as hazardous waste.

Disposal of contaminated packaging and recommended cleaning agents

The product and its containers must be disposed of as hazardous waste. Contaminated packaging must be treated in the same way as the substance

Section 14. Transport information

Land transport (ADR/RID) other relevant information on land transport

-not a dangerous good within the meaning of these transport regulations

Inland waterway transport (ADN) other relevant information on inland waterway transport

-not a dangerous good within the meaning of these transport regulations

Maritime transport (IMDG) other relevant information on maritime transport

-not a dangerous good within the meaning of these transport regulations

Air transport (ICAO-TI/IATA-DGR) other relevant information on air transport

-not a dangerous good within the meaning of these transport regulations



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14.6 Special precautions for user: No information available

14.7 Bulk transport by sea according to IMO instruments:

Section 15. Legislation

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

Restrictions on use (REACH, Annex XVII)

Entry 75

National regulations: Water hazard class 1 - slightly hazardous to water

Status: Mixture rule according to VwVwS Annex 4, No.3

15.2 Chemical safety assessment

The substance/mixture has not been subjected to a safety assessment.

Section 16. Other information

Changes: This data sheet contains changes compared to the previous version

Reason for revision: Changed classification

Reason for revision: Regulation (EU) No. 2020/878, Annex II

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
IATA-DGR	International Air Transport Association-Dangerous Goods Regulations
IBC	Code International Code for the Construction and Equipment of Ships for the Carriage of Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization-Technical Instructions
LC50	Lethal Concentration 50%
LD50	Lethal Doses 50%
Log Kow	Octanol-water partition coefficient
OECD	Organization for Economic Cooperation and Development
PBT	Persistent, biaccumulative, toxic
RID	Regulations concerning the International Carriage of Dangerous Substances by Rail
TRGS	Technical Rules for Hazardous Substances
WGK	Water hazard class



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More Information

The information in this safety data sheet corresponds to our current state of knowledge and complies with national and EC legislation. The user's stated working conditions are beyond our knowledge and control. The product may not be used for any purpose other than that stated in section 1 without written permission. This also includes any modification to the product. The user is responsible for complying with all necessary legal provisions. The information in this safety data sheet describes the safety requirements of our product, but does not represent a guarantee of product properties and does not establish a contractual legal relationship.

(the data of the relevant components were taken from the latest safety data sheet of the supplier)