

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Metaform, Metawax

Print date: 01.11.2016

Product code: METAFORM, METAWAX

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

1.1. Product identifier

Metaform, Metawax

Product group: Modelling wax for dental technology

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

For the preparation of dental pattern.

1.3. Details of the supplier of the safety data sheet

Company name:	Primotec – Joachim Mosch e.K.	
	D-61348 Bad Homburg, Germany	
Street:	Tannenwaldallee 4	
Place:	D-61348 Bad Homburg	
Telephone:	+49-6172/99770-0	Telefax: +49-6172/99770-99
e-mail:	primotec@primogroup.de	
Internet:	www.primogroup.de	

1.4. Emergency telephone number:

+49-6172/99770-0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

GHS classification cannot be determined due to no data for the product.

As of now, all items for Physical Hazard, Health Hazard, and Environmental Hazard are either "Not classified", "Classification not possible" or "Out of category".

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: None

Pictograms: None

Hazard statements

Harmful in contact with skin.

Precautionary statements

Prevention: No Data

Response: No Data

Storage: No Data

Disposal: No Data

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of Polyurethane acrylate, UV curable resin

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SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Polymerized material is non-hazardous.

After inhalation

Ensure supply of fresh air and take a rest. When necessary, artificial respiration, contact medical institution.

After contact with skin

Remove contaminated clothing. Wash off and clean skin with soap and water. When there are skin alterations or pain persists, contact medical institution.

After contact with eyes

Rinse with plenty of water for at minimum 15 minutes (when possible without contact lens) and seek medical attention.

After ingestion

Immediately rinse mouth thoroughly. Let plenty of water be drunk. Do not induce vomiting. If you feel unwell, seek medical attention.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Extinguishing powder, foam, water spray, carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Irritant, corrosive or toxic gases may arise by fire.

5.3. Advice for firefighters

Firefighters must wear appropriate respiratory protection and chemical protective clothing.

Additional information

Cut off the combustion source, and use the fire extinguishing media to extinguish.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide Do not touch released materials, or walk nearby. Immediately isolate the area as leakage area, keeping the appropriate distance in all directions. Isolate the hazardous area, and prohibit the entrance of non-authorized personnel and individuals who are not wearing protective clothing. Operators must wear appropriate protective clothing and avoid exposure to eyes and skin. Ventilate closed spaces before entering them.

6.2. Environmental precautions: Prevent entry into waterway to avoid environmental damage.

6.3. Methods and material for containment and cleaning up

Collect wet liquids and spilled liquids into tightly closed container as much as possible.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Advice on safe handling

Ventilate working area thoroughly. Wear suitable protective equipment. Local ventilation system is preferred. If local ventilation is not possible, ventilate working area thoroughly. When exposed, it may cause irritation to skin and mucous membranes. Avoid skin contact. Avoid direct sunlight, objects with high temperature and fire.

Advice on protection against fire and explosion

No special fire protection measures are necessary. No smoking. No open flame.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in cool dark place. No smoking. No open flame. Avoid direct sunlight, object with high temperature and fire.

Advice on storage compatibility

Maintain oxygen concentration to avoid polymerization and do not replace with inert gases.

7.3. Specific end use(s)

For dental use only. Adhere to professional industrial hygiene.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

Not specified

8.2. Exposure controls

Appropriate engineering controls

Use highly enclosed apparatus, equipment, or localized extractor facilities.

Protective and hygiene measures

Not specified.

Eye/face protection

Wear eye/face protection (such as eye protector).

Hand protection

Wear rubber gloves

Skin protection

Wear rubber boots and apron.

Respiratory protection

Wear respiratory protection (gas mask for organic gas).
When mist or vapors are produced by melting/heating, wear protective mask with mist filter.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Solid material
Colour:	blue
Odour:	Slight characteristic

pH-Value:

Test method

No data

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Changes in the physical state

Melting point:	No data
Initial boiling point and boiling range:	No data
Flash point:	Above 130°C

Flammability

Solid:	No data
Gas:	No data
Lower explosion limits:	No data
Upper explosion limits:	No data

Auto-ignition temperature

Solid:	No data
Gas:	No data
Decomposition temperature:	No data

Oxidizing properties

Not oxidizing.	
Vapour pressure: (at 20 °C)	No data
Density:	1.0~1.2 g/cm ³
Water solubility:	insoluble

Solubility in other solvents

Soluble in ethyl acetate and toluene

Partition coefficient:	No data
Flow time:	No data
Vapour density:	No data
Evaporation rate:	No data

9.2. Other information

Solid content:	No data
Burn-out temperature:	600°C / 1 Std.

SECTION 10: Stability and reactivity

10.1. Reactivity

Material will polymerize when exposed to daylight.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Polymerization involving high heat may occur by sudden heating, direct sunlight, ultraviolet irradiation, etc. In inert gas atmosphere, polymerization may occur.

10.4. Conditions to avoid

Ultraviolet, heat, high temperature

10.5. Incompatible materials

Strong oxidizing compound, Base, Acid.

10.6. Hazardous decomposition products

No data.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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ATEmix tested

	Dose	Species	Source
LD50, oral	No data		
LD50, dermal	No data		

Additional information on tests

Contains existing chemical substances of skin sensitization category 1 (less than 1%)

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

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 product has not been tested.

12.6. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

200139 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); plastics

Waste disposal number of used product

200139 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); plastics

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

Other applicable information

No dangerous good

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SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC): No information available.

2004/42/EC (VOC): No information available.

National regulatory information

Employment restrictions: No information available.

Fire Services Act: 3 - Designated flammable goods (synthetic plastics) (Designated quantity 3000kg)
(Article 9-4, Cabinet Order Concerning the Control of Hazardous Materials
Article 1-12 Attached Table 4)

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,6,9,11,12.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

Harmful in contact with skin.

Further Information

Information provided in this Safety Data Sheet is based on our current knowledge. It should not be construed as guaranteeing any specific property of the product. Please be very careful when handling the product.

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