

1 Product identification/preparation/company undertaking

Product details

Trade name:

BQ TRAY

Manufacturer/supplier:

Meta Dental Corp
73-15 88th Street, Glendale, NY 11385 USA

Emergency information:

Meta Dental Corp
1-718-639-7460

2 Composition/Information of Ingredients

Chemical characterization:

Light curing custom tray materials based on esters of acrylic acids and glass fillers

Description:

Hazardous components:

Acrylic Esters

<u>Index-Nr.:</u>	<u>Name</u>	<u>R-classification</u>
		607-133-00-9 Acrylic Ester Xi, R36/37/38

3 Hazards identification

Risk identification:

Special risks for human beings and environment:

irritating eyes, respiratory and skin

Classification:

classification corresponds to actual EEC guidelines, additional information by literature

4 First-aid measures

General information:

after skin contact:

wash with plenty of water and soap

after eye contact:

rinse with plenty of water and consult a physician

after swallowing:

seek medical advice immediately

5 Fire fighting measures

Extinguishing media:

CO₂, water, foam, powder

Protective equipment:

Safety Data Sheet
according to 91/155/EEC

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6 Accidental release measures

Personal precautions: not necessary

Environmental precautions: do not let the material come into contact with the environment in a not cure state

Methods for cleaning up: not cured material: use isopropanol or ethyl acetate
cured material: treat it like a plastic disposal

Additional information:

7 Handling and storage

Handling:

Handling procedures: none by correct handling and storage

Recommendation for fire and explosion protection:

storage: store at a dry place, at room temperature, store away from food stuffs

Requirements at storerooms and containers: store trays cool, dry and protect them against light and keep them closed.

Requirements for storage with other products:

Additional storage conditions:

Storage classification: **VBF classification:**

8 Exposure controls/personal protection

Additional information for technical plants:

Components with limits of values to be supervised at the workplace:

<u>CAS-Nr.</u>	<u>Name</u>	<u>art</u>	<u>value</u>	<u>unit</u>
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Additional information:

Personal protective equipment: not necessary

General measures of protection and hygiene: avoid contact with eyes and skin, normal hygienic

respiration: not necessary

hands: wear gloves

eyes: eye protection necessary

9 Physical and chemical properties

Appearance

Form: kneadable stiff plaste
Colour: various
Odour: weak

Value	Unit	Method
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Information on change in the physical state

Melting point/melting range:	n.a.		
Boiling point/boiling range:	n.a.		
Flash point:	>150	°C	DIN 51758
Autoignation temperature:	n.a.		
Danger of explosion:	none (nonvolatile)		
Density:	1.84	g/cm ³	
Vapour pressure:	n.a.		
Viscosity:	kneadable stiff consistency		
pH:	neutral		
Solubiity in/miscibility with:	slightly in isopropanol; soluble in acetic acid ester		
Water	insoluble		
Content of solvents:	none		
Organice solvents:	Water: -		
Content of solids:	n.a.		

10 Stability and reactivity

unstable by heat, direct sunlight and radical starters

Incompatible with other substances: heat, sunlight and light
Hazardous decomposition products: none by proper use

11 Toxicological information

Acute toxicity: swallowing: >60,000 mg/kg (estimated)
Primary irritation skin: not irritating (species rabbit)
 eye: irritating
 inhalation: n.a. (nonvolatile)
 ingestion: possible toxic when swallowed
Sensitaton of products: not observe
Aditiional toxicological information: allergice reaction to methacrylate by chronic exposition to product are possible. During the long period of use as tray material no health diseases are

Safety Data Sheet
according to 91/155/EEC

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12 Ecological information

General information:

Degrance not determined

Fish toxicity: not determined

Classification of water endangerment: 2 (self estimation)

Additional information do not let the cured products come into contact with environment

13 Disposal consideration

Recommendation: not cured material use proper landfill disposal in accordance with local, state and federal regulations

Disposal key number: 55373 (other not halogenous solvents)

Uncleaned packaging: **Recommendation:**

14 Transport information

Land transport ADR/RID and GGVS/GGVE (Germany) Not classified as dangerous goods.

Sea transport IMDG Not classified as dangerous goods.

Air transport ICAO-TI and IATA-DGR Not classified as dangerous goods.

15 Regulatory information

Classification according to

EEC guidelines:

According to GEFStoffV/EG classification necessary
(acrylic acid methyl ester)

Danger symbols Xi irritating

Danger (R-symbols) R 36/37/38 irritating eyes, respiration, skin

Security (S-symbols) S 26 by contact with eyes rinse with plenty of water and consult a physician
S 28.3 by contact with skin wash immediately with water and soap

National Prescriptions: none

Classification according to VbF: n.a.

16 Other information

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data do not signify any warranty with regards to products properties. However users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.