

SECTION 1. Product identification/preparation/company undertaking**1.1 Product identifier:**

Product no.: 86003
Trade name: BISICO Multi Repair Opaquer
Trade number: 76030

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

No further relevant information available.

Application of the substance / the mixture:

Masking material

1.3. Details of the supplier of the safety data sheet:

BISICO Bielefelder Dentalsilicone GmbH & Co. KG
Johanneswerkstraße 3
D-33611 Bielefeld
Tel.: +49 521 8016800
Fax: +49 521 8016801
Email: info@Bisico.de
responsible for the Safety Data Sheet: Sebastian Zimmermann

1.4. Emergency telephone number:

BISICO Bielefelder Dentalsilicone GmbH & Co. KG
Tel.: +49 521 8016800 (08:00-16:00 PM)
Fax: +49 521 8016801
S. Zimmermann

SECTION 2. Hazards identification**2.1 Classification of the substance or mixture:****2.1.1 Classification according to Regulation (EC) No 1272/2008:**

Skin Sens. 1 H317 May cause an allergic skin reaction.

2.2 Label elements:

Labelling according to Regulation (EC) No 1272/2008: Void

Hazard pictograms:

GHS07

Signal word: Warning

Hazard-determining components of labelling:

tetramethylene dimethacrylate
diphenyl(2,4,6- trimethylbenzoyl)phosphine oxide

Hazard statements:

H317 May cause an allergic skin reaction.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P321 Specific treatment (see on this label).
P363 Wash contaminated clothing before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Labelling of packages where the contents do not exceed 125 ml**Hazard pictograms:****GHS07****Signal word:** Warning**Hazard-determining components of labelling:**

tetramethylene dimethacrylate
diphenyl(2,4,6- trimethylbenzoyl)phosphine oxide

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P321 Specific treatment (see on this label).
P363 Wash contaminated clothing before reuse.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards:**Results of PBT and vPvB assessment:**

PBT: not applicable

vPvB: not applicable


SECTION 3. Composition/Information of Ingredients**3.1 Substances:****3.2 Mixtures:****Chemical characterization:****Description:**

Liquid based on methacryl acid ester, containing an activator.

Dangerous components:

63225-53-6

Monofunktionelles Aliphatisches Urethanacrylat


 Skin Irrit. 2, H315; Eye Irrit. 2, H319

2,5-10%

CAS: 2082-81-7




EINECS: 218-218-1

tetramethylene dimethacrylate

 Skin Sens. 1B, H317

2,5-10%

CAS: 75980-60-8
EINECS: 278-355-8
diphenyl(2,4,6- trimethylbenzoyl)phosphine oxide

 Repr. 2, H361f;  Aquatic Chronic 2, H411;  Skin Sens. 1B, H317
< 2,5%

Additional information:

For the wording of the listed risk phrases refer to section 16.

SECTION 4. First-aid measures**4.1 Description of first aid measures:****general information:**

Immediately remove any clothing soiled by the product.

after inhalation:

Supply fresh air; consult doctor in case of complaints.

after skin contact:Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.**after eye contact:**Rinse opened eye for several minutes under running water.
Then consult a doctor.**after swallowing:**Rinse out mouth and then drink plenty of water.
Seek medical treatment.**4.2 Most important symptoms and effects, both acute and delayed:**

No further relevant information available.

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

No further relevant information available.

SECTION 5. Fire fighting measures**5.1 Extinguishing media:****Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**For safety reasons unsuitable extinguishing agents:** Water with full jet.**5.2 Special hazards arising from the substance or mixture:** No further relevant information available.**5.3 Advice for firefighters:****Protective equipment:** No special measures required. Do not inhale explosion gases or combustion gases.

SECTION 6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Ensure adequate ventilation
Keep people at a distance and stay on the windward side.

6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

6.3 Methods for cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

6.4 Reference to other sections:

No dangerous substances are released.
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7. Handling and storage**7.1 Precautions for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

7.2 Conditions for safe storage, including any incompatibilities:**Requirements to be met by storerooms and receptacles:**

Close container immediately after use and protect product from light incidence.
Storage between 10 °C and 25 °C.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

None

7.3 Specific end use(s):

No further relevant information available.

SECTION 8. Exposure controls/personal protection**8.1. Control parameters:****Additional information about design of technical facilities:**

No further data; see item 7.

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls:

Personal protective equipment

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Respiratory protection:

Not necessary if room is well-ventilated.

Protection of hands: Protective gloves.

Material of gloves Butyl rubber, BR

Penetration time of glove material

0,1 - 0,2 mm

Penetration time: 5 min.

Eye/face protection:

Safety glasses

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Appearance:

Form: Pasty

Color: Opaque

Odour: characteristic

Value Unit Method

pH-value: Not determined

Change in condition

Melting point/Melting range: undetermined

Boiling point/Boiling range: 251 °C

Flash point: 151 °C

Flammability (solid, gaseous): Not applicable.

Ignition temperature: >370 °C

Decomposition temperature: Not determined.

Self-igniting: Product is not selfigniting.

Danger of explosion: Product is not explosive. However, formation of explosive

Explosion limits: not determined

Vapour pressure at 20 °C: not determined

Density at 20 °C: not determined

Relative density: Not determined.

Vapour density:	Not determined.
Evaporation rate:	Not determined.
Solubility in / Miscibility with Water at 20 °C:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
dynamic:	Not determined
kinematic:	Not determined
Solvent content:	
Organic solvents:	0,0 %

9.2 Other information No further relevant information available.

SECTION 10. Stability and reactivity

10.1. Reactivity:

No further relevant information available.

10.2. Chemical stability:

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions:

Exothermic polymerization

10.4 Conditions to avoid:

No further relevant information available.

10.5 Incompatible materials:

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

10.6 Hazardous decomposition products:

No dangerous decomposition products known

SECTION 11. Toxicological information

11.1. Information on toxicological effects:

Acute toxicity:

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

LD/LC50 values relevant for classification:

LD-50 oral >5000 mg/kg rat (lit.)

Primary irritant effect:

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

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

Respiratory or skin sensitisation: May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
STOT-single exposure:	Based on available data, the classification criteria are not met.
STOT-repeated exposure:	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:**

Acquatic toxicity: No further relevant information available.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

Additional ecological information:General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment: **PBT:** Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

SECTION 13. Disposal consideration**13.1. Waste treatment methods:****Product:****Recommendation:**

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue:

08 01 12 waste paint and varnish other than those mentioned in 08 01 11

Uncleaned packaging:**Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Recommended cleansing agents: Alcohol

SECTION 14. Transport information**SECTION 14. Transport information**

14.1 UN-Number ADR, ADN, IMDG, IATA: Void

14.2 UN proper shipping name ADR, ADN, IMDG, IATA: Void

14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class: Void

14.4 Packing group ADR, IMDG, IATA: Void

14.5 Environmental hazards Marine pollutant: No

14.6 Special precautions for user: Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

UN "Model Regulation": Void

SECTION 15. Regulatory information

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

Directive 2012/18/EU:

Named dangerous substances - ANNEX I:

None of the ingredients is listed.

National regulations:

Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16. Other information:

Changes compared with the previous version: Adaptation according to 1907/2006/EG, Article 31

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.

Relevant phrases

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H361f Suspected of damaging fertility.

H411 Toxic to aquatic life with long lasting effects.

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 Harmonised 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 (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
Skin Sens. 1: Sensitisation - Skin, Hazard Category 1
Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B
Repr. 2: Reproductive toxicity, Hazard Category 2
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2

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