

SAFETY DATA SHEET

CHEMICAL SUBSTANCE / MIXTURE REGULATION (EC) No1907/2006 AS AMENDED BY REGULATION (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY

- 1.1. Product identifiers**
 Product names **i-BLOCK**
 Chemical name -
 Identified uses Light curing block-out resin
- 1.2. Details of the supplier of the safety data sheet**
 Company UAB "Medicinos linija"
 Address Karaliaučiaus str. 29
 LT-78374 Šiauliai, Lithuania
 Telephone +370 41 553 553
 Fax +370 41 553 551
 E-mail address dental@i-dental.lt
- 1.3. Emergency telephone number**
 Emergency telephone number +370 41 553 553
 (Available only during office hours)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**
 Skin Sens.1
 Eye Irrit. 2

- 2.2. Label elements**
Pictograms



Signal word **Warning**

Hazard statements

H317: May cause an allergic skin reaction
 H319: Causes serious eye irritation

Precaution statements (prevention)

P264: Wash hands thoroughly after handling
 P270: Do not eat, drink or smoke when using this product
 P272: Contaminated work clothing should not be allowed out of the workplace
 P280: Wear protective gloves/protective clothing/eye protection/face protection

Precaution statements (response)

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 P330: Rinse mouth
 P302+P352: IF ON SKIN: Wash with plenty of soap and water
 P321: Specific treatment (see section 4 on this label).
 P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
 P363: Wash contaminated clothing before reuse
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P337+P313: If eye irritation persists: Get medical advice/attention

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1. Information on hazardous ingredients:
 Product do not contains hazardous materials.

INCI Name	CAS No	EC No	Hazard statement	Content, %
Isopropylidenediphenol PEG-2 dimethacrylate	41637-38-1	203-652-6	H317, H315	10-40
Triethylene glycol dimethacrylate	109-16-0	203-652-6	H317, H315	10-40

SECTION 4: FIRST AID MEASURES

- 4.1. General advice**
 In doubt, consult a physician. Show this safety data sheet to the doctor in attendance.

4.2. If swallowed

Never give anything by mouth to an unconscious person. Take casualty to the hospital.

If the person is conscious rinse the mouth and spit the fluids out. **Do NOT induce vomiting.** During spontaneous vomiting hold the head of the casualty low with the body in a prone position in order to avoid the penetration of vomit into the air tube. Refer for immediate medical attention.

4.3. In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Refer for immediate medical attention.

4.4. If inhaled

Remove the casualty from the hazardous area and take him to the fresh air. If not breathing, give artificial respiration. Keep warm and at rest. Refer for immediate medical attention.

4.5. In case of skin contact

Take off contaminated clothing. Wash off with plenty of water. If symptoms (irritation) occur obtain medical attention. Wash contaminated clothing before reuse.

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

No data available. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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

No data available.

SECTION 5: FIRE FIGHTING MEASURES**5.1. Extinguishing media**

Use foam, dry chemical or carbon dioxide.

5.2. Advice for fire fighters

Standard procedure for chemical fires.

5.3. Special hazards arising from the substance or mixture

No data available.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid contact with skin and eye. Ensure adequate ventilation.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up

Use personal protective equipment when cleaning. Small spill: Wipe up with dry cloth and alcohol. Large spill: Absorb with inert, damp non-combustible material, and then flush area with water. Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Avoid contact with eyes and skin. Use personal protective equipment. Keep tightly closed. Keep away from food, drinks and animal feed. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Keep in cool, well ventilated place. Keep away from heat, light and direct sunlight. Storage temperature: Preferably not exceeding 28°C.

7.3. Specific end uses

Light curing block-out resin.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1. Exposure limit values**

No data available regarding specific product.

8.2. Exposure controls

Provide adequate ventilation. Storage properly (p.7).

Preventive medical check-ups should be arranged.

8.3. Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.4. Personal protective equipment**8.4.1. Eye/face protection**

Wear eye / face protection equipment. Safety glasses with side-shields, conforming to EN 166.

8.4.2. Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. For the permanent contact in work areas without heightened risk of injury (e.g. laboratory) gloves made of the following material are suitable: PVC, neoprene, rubber. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

8.4.3. Skin protection

Keep working clothes separately. Take off contaminated clothing immediately. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

8.4.4. Respiratory protection

Not necessary with efficient local exhaust. If you need to protect the airways use respirators, that have been tested and approved by the relevant governmental standards, such as CEN (EU) or NIOSH (USA).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. General information**

Appearance	viscous paste
Odour	specific acrylic
Colour	dark blue

9.2. Important health, safety and environment information

Boiling point	no data available
Flash point	no data available
Water solubility	not soluble
Self-ignition	product is not self-igniting
Danger of explosion	product is not explosive

SECTION 10: STABILITY AND REACTIVITY**10.1. Stability**

Stable under normal temperature and pressure.

10.2. Conditions to avoid

Protect from heat and direct sunlight. Polymerization occurs when exposed to visible light, ultraviolet light or extreme heat.

10.3. Materials to avoid

Oxidizing materials.

10.4. Hazard decomposition products

Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Possible dangerous to health effects**

No data available regarding specific product.

11.2. Inhalation

No data available.

11.3. Skin corrosion/irritation

No data available.

11.4. Eye damage/eye irritation

Causes serious eye irritation.

11.5. Respiratory or skin sensitization

May cause an allergic skin reaction.

11.6. Ingestion

No data available.

11.7. Germ cell mutagenicity

No data available.

11.8. Carcinogenicity

IARC: No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

11.9. Reproductive toxicity

No data available.

11.10. Specific target organ toxicity - single exposure

No data available.

11.11. Specific target organ toxicity - repeated exposure

No data available.

11.12. Aspiration hazard

No data available.

11.13. Additional Information

None of effects are likely to occur in humans, provided exposure is maintained at or below occupational exposure limit.

11.14. Toxicity data

No data available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Ecotoxicity	No data available
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12.2. Mobility	No data available
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12.3. Persistence and degradability	No data available
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12.4. Bio accumulative potential	No data available
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12.5. Results of PBT and vPvB assessment	No data available
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12.6. Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Disposal should be in accordance with local, state or national legislation. Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packagings dispose of as unused product. Do not remove the information from package.

SECTION 14: TRANSPORT INFORMATION

14.1. The product is not classified as dangerous for carriage.

SECTION 15: REGULATORY INFORMATION

15.1. This safety datasheet complies with the requirements of Regulation (EC) No 1907/2006 as amended by Regulation (EU) No 453/2010.

15.2. Other Regulations: EINECS: Components of mixture are on the European Inventory of Existing Commercial Chemical Substances.

15.3. This safety data sheet information is not a professional risk assessment.

15.4. **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No data available.

15.5. Chemical Safety Assessment

No data available.

15.6. Health, safety and environmental information

No data available.

SECTION 16: OTHER INFORMATION

16.1. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

16.2. UAB „Medicinos linija“ shall not be held liable for any damage resulting from handling or from contact with the above product.

16.3. The product should not be used for purposes other than specified in p.7.3 purposes.

16.4. User is responsible for the legal, regulatory compliance.

16.5. Abbreviations and acronyms used in the safety data sheet:

16.5.1. EC – European Commission

16.5.2. GHS – Globally Harmonized System

16.5.3. CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

16.5.4. CAS No – Chemical Abstracts Service number

16.5.5. EC No – EINECS and ELINCS Number (see also EINECS and ELINCS)

16.5.6. PBT - Persistent, Bio accumulative and toxic substance

16.5.7. vPvB – Very Persistent and Very Bio accumulative

16.6. Key literature references and sources for data: <http://echa.europa.eu>.

16.7. List of relevant hazard statements, safety phrases and/or precautionary statements full text:

Signal word**Warning**

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16.8. Training advice: How to properly handle chemical substances / mixtures employees must be trained in accordance with national requirements.