

SAFETY DATA SHEET

CHEMICAL SUBSTANCE / MIXTURE REGULATION (EC) No 1907/2006 AS AMENDED BY REGULATION (EU) No 453/2010

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

1.1. Product identifier

Product name **dline Light Curing Compomer Liner**
Chemical name -

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

Relevant identified uses Light curing compomer liner

1.3. Details of the supplier of the safety data sheet

Company UAB "Medicinos linija"
Address Karaliaučiaus str. 29
LT-78348 Šiauliai, Lithuania
Telephone +370 41 553 553
E-mail address info@i-dental.lt

1.4. 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]

Acute Tox. 4
Skin Sens. 1
Skin Irrit. 2
Eye Irrit. 2

2.2. Label elements

Pictograms



Signal word

Warning

Hazard statements

H302: Harmful if swallowed
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation

Precaution statements (prevention)

P261: Avoid breathing dust/fume/gas/mist/vapours/spray
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.
P362+P364: Take off contaminated clothing and wash it 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:

Name	CAS No	EC No	Hazard statement	Content, %
2-Hydroxyethyl methacrylate	868-77-9	212-782-2	H315, H317, H319	1-5
4-Methoxyphenol	150-76-5	205-769-8	H302, H317, H319	<1

SECTION 4: FIRST AID MEASURES4.1. **Description of first aid measures**4.1.1. **General advice**

In doubt, consult a physician. Show this safety data sheet to the doctor in attendance.

4.1.2. **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.

4.1.3. **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.

4.1.4. **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.

4.1.5. **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.

4.2. **Most important symptoms and effects, both acute and delayed**

No data available.

4.3. **Indication of any immediate medical attention and special treatment needed**

No data available.

SECTION 5: FIRE FIGHTING MEASURES5.1. **Extinguishing media**

Use foam, dry chemical or carbon dioxide.

5.2. **Special hazards arising from the substance or mixture**

No data available.

5.3. **Advice for fire fighters**

Standard procedure for chemical fires.

SECTION 6: ACCIDENTAL RELEASE MEASURES6.1. **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. Soak up with liquid-binding material (diatomite, universal binders, for small amounts tissues) and dispose. Keep in suitable, closed containers for disposal. Flush area with water.

6.4. **Reference to other sections**

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE7.1. **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. Protect against electrostatic charges.

7.2. **Conditions for safe storage, including any incompatibilities**

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

7.3. **Specific end uses**

Dental use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION8.1. **Control parameters**8.1.1. **Exposure limit values**

No exposure guidelines have been established for mixture. ACGIH, NIOSH and OSHA have not developed exposure limits for this product.

8.2. **Exposure controls**

Provide adequate ventilation. Storage properly (p.7). Preventive medical check-ups should be arranged.

8.2.1. Appropriate engineering controls

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

8.2.2. Personal protective equipment**8.2.2.1. Eye/face protection**

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

8.2.2.2. 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.

8.2.2.3. 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.

8.2.2.4. 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).

8.2.3. Environmental exposure controls

Do not let enter the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	viscous paste
Odour	specific
Colour	according to product specification
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. Reactivity**

No data available.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Protect from heat and direct sunlight.

10.5. Incompatible materials

No data available.

10.6. Hazard decomposition products

No data available.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****11.1.1. Acute toxicity**

No data available.

11.1.2. Skin corrosion/irritation

May cause skin irritation.

11.1.3. Eye damage/eye irritation

May cause serious eye irritation.

11.1.4. Respiratory or skin sensitization

May cause an allergic skin reaction.

11.1.5. Germ cell mutagenicity

No data available.

11.1.6. 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.

11.1.7. Reproductive toxicity

No data available.

11.1.8. Specific target organ toxicity - single exposure

No data available.

11.1.9. Specific target organ toxicity - repeated exposure

No data available.

11.1.10. **Aspiration hazard**

No data available.

11.1.11. **Additional Information**

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

SECTION 12: ECOLOGICAL INFORMATION

12.1. Ecotoxicity	No data available
12.2. Persistence and degradability	No data available
12.3. Bioaccumulative potential	No data available
12.4. Mobility in soil	No data available
12.5. Results of PBT and vPvB assessment	No data available
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. **AIR TRANSPORT (IATA)**

Not regulated as a hazardous material.

14.2. **LAND TRANSPORT (ADR/RID)**

Not regulated as a hazardous material.

14.3. **MARINE TRANSPORT (IMDG)**

Not regulated as a hazardous material.

SECTION 15: REGULATORY INFORMATION

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

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

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

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

15.2. **Chemical Safety Assessment**

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. References to the changes that have been made in comparison with 2015-07-01 version: whole document.

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

16.6.1. EC – European Commission

16.6.2. GHS – Globally Harmonized System

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

16.6.4. CAS No – Chemical Abstracts Service number

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

16.6.6. PBT - Persistent, Bio accumulative and toxic substance

16.6.7. vPvB – Very Persistent and Very Bio accumulative

16.6.8. ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road

16.6.9. UN – United Nations

16.6.10. LC50 – Lethal Concentration to 50 % of a test population

16.6.11. LD50 – Lethal Dose to 50% of a test population (Median Lethal Dose)

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

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

Signal word: Warning

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 - P362+P364: Take off contaminated clothing and wash it 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
 - P501: Dispose of contents/container to (see section 13)
- 16.9. Training advice: How to properly handle chemical substances / mixtures employees must be trained in accordance with national requirements.