

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-BONDING CC^N (catalyst/base)
Chemical name	-
Identified uses	Chemical curing adhesive

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 (Available only during office hours)	+370 41 553 553
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SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Org. Perox. B
Skin Irrit. 2
Skin Sens. 1
Eye Irrit. 2

2.2. Label elements**Pictograms**

Signal word **Warning**

Hazard statements

H241: Heating may cause a fire explosion
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation

Precaution statements (prevention)

P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking
P220: Keep/Store away from clothing/.../combustible materials.
P234: Keep only in original container
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P272: Contaminated work clothing should not be allowed out of the workplace
P264: Wash hands thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection

Precaution statements (response)

P370+P380+P375: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion
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: Take off contaminated clothing and wash before reuse
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

Precaution statements (storage)

P403+P235: Store in a well-ventilated place. Keep cool
P411: Store at temperatures not exceeding 10°C
P420: Store away from other materials

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Information on hazardous ingredients:

Name	CAS No	EC No	Hazard statement	Content, %
Benzoyl peroxide	94-36-0	202-327-6	H241, H317, H319	<1
2-Hydroxy ethyl methacrylate	868-77-9	212-782-2	H315, H317, H319	<1

SECTION 4: FIRST AID MEASURES4.1. **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 MEASURES5.1. **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 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.

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**

Dental use only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION8.1. **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	liquid (catalyst)/liquid (base)
Odour	slightly specific
Colour	clear (catalyst)/ clear (base)

9.2. Important health, safety and environment information

Boiling point	no data available
Flash point	no data available
Water solubility	not soluble

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.

10.3. Materials to avoid

No data available.

10.4. Hazard decomposition products

No data available.

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
12.2. Mobility	No data available
12.3. Persistence and degradability	No data available
12.4. Bio accumulative potential	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. 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. References to the changes that have been made in comparison with _ 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
- 16.7. 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**
- H241: Heating may cause a fire explosion
- H315: Causes skin irritation
- H317: May cause an allergic skin reaction
- H319: Causes serious eye irritation
- P210: Keep away from heat/sparks/open flames/hot surfaces. — No smoking
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P403+P235: Store in a well-ventilated place. Keep cool

P411: Store at temperatures not exceeding 10°C

P420: Store away from other materials

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