

DSI Cera-Fix

Gel for etching of dental ceramic

Material safety data sheet (MSDS)
Version 1.0 / EN

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SECTION 1: THE NAME AND STRUCTURE OF SUBSTANCE OR A MATERIAL

1.1. Product identifier

Product Name	DSI Cerafix Mini.
Physical State	Semi-transparent gel.

1.2. Structure

Contents	Carboxymethylcellulose, glycerine, distilled water, polyacrylic acid, sodium fluoride, sodium bicarbonate, hydrofluoric acid, coloring agent.
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SECTION 2: DATA ON THE ORGANIZATION-MANUFACTURER OR THE SUPPLIER

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

Company Name	DSI Ltd.
Company Address	59 haAvoda str., Ashdod 7706300 Israel
Contact Name	Shlomi Krasner
Phone / Fax	+972.893.172.35
E-mail	info@dsisrael.com

2.2. Emergency telephone number:

Phone / Fax	+972.893.172.35
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SECTION 3: KINDS OF DANGEROUS INFLUENCE AND A CONDITION OF THEIR OCCURRENCE

3.1. Hydrofluoric acid is highly toxic. It is strongly corrosive and does not cause any warning pain on the surface of the skin and mucous membranes, but causes a subsequent, painful in-depth effect.

Acute Tox. 3H301 Toxic if swallowed.
Acute Tox. 2H310 Fatal in contact with skin.
Acute Tox. 3H331 Toxic if inhaled.
Skin Corr. 1B H314 Causes severe skin burns and eye damage.

3.2. Does not render carcinogenic or narcotic influence.

SECTION 4: MEASURES OF FIRST AID

General information:

Immediately remove any clothing soiled by the product.

4.1. After inhalation:

Supply fresh air or oxygen; call for doctor. In case of unconsciousness place patient stably in side position for transportation.

4.2. After skin contact:

Immediately wash with water and soap and rinse thoroughly. Rub in Ca-gluconate solution or neutralizing gel from the Cera-Fix set immediately. Seek medical treatment.

4.3. After eye contact:

Rinse opened eye for several minutes under running water. Seek immediate medical advice.

4.4. After swallowing:

Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

SECTION 5: MEASURES AND MEANS OF MAINTENANCE OF FIRE SAFETY

5.1. Not flammable, not burning, not explosive.

SECTION 6: MEASURES ON PREVENTION OF EXTREME SITUATIONS

6.1. Does not cause occurrence of extreme situations.

SECTION 7: RULES OF THE MANIPULATION AND STORAGE

7.1. Rules of the manipulation according to the instruction on the application, confirmed when due hereunder. Special conditions for storage it is not required.

SECTION 8: RULES AND MEASURES ON A SAFETY OF THE USER

8.1. Usual hygienic measures for dental practice and dental laboratories.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

8.2. Respiratory protection:

Suitable respiratory protective device recommended.

8.3. Protection of hands:

Protective gloves – nitrile, butyl, fluorocarbon, chloroprene, PVC.

After use of gloves apply skin-cleaning agents and skin cosmetics.

8.4. Eye protection:

Tightly sealed goggles.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Physical condition:

1. Transparent viscous gel with blue tint. pH 2.5-4.5. Density – 1.0 g/cm³.
2. Transparent viscous gel with yellow tint. pH 8.5-10.0. Density – 1.2 g/cm³.

SECTION 10: STABILITY AND CHEMICAL ACTIVITY

10.1. It is chemically stable during unlimited time.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Acute toxicity.

Toxic if swallowed or if inhaled. Fatal in contact with skin.

11.2. Primary irritant effect:

- Skin corrosion/irritation – Causes severe skin burns and eye damage.
- Serious eye damage/irritation – Causes severe skin burns and eye damage.
- Respiratory or skin sensitization – No sensitising effects known.
- Repeated dose toxicity – No further relevant information available
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction) – No further relevant information available.

SECTION 12: INFLUENCE ON AN ENVIRONMENT

12.1. Does not render harmful influence on an environment.

SECTION 13: RECYCLING AND A BURIAL PLACE OF WASTE (RESTS)

13.1. Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 14: RULES OF TRANSPORTATION

14.1. It is steady against the mechanical influences arising at transportation, does not possess corrosion activity, does not represent danger by transportation. In the packed kind it is transported by all kinds of vehicles according to rules of transportation of the cargoes, acting a corresponding type of transport.

Since the working conditions of the final user are unknown, the information presented in this safety data sheet is based on the current level of our knowledge, based on national and general standards.

The product should not be used for any other purpose than those indicated under heading without first receiving written instructions for use. The user must take all necessary measures to comply with the requirements and rules of the law.

The information in this safety data sheet should be considered as a description of the safety requirements that apply to our product and does not guarantee its properties.