

# DSI Hard Reline

## Polymer material for denture bases

Material safety data sheet (MSDS)  
Version 1.0 / EN

19/08/2022

## SECTION 1: PRODUCT AND COMPANY INFORMATION

### 1.1. Product identifier

Product Name	DSI Hard Reline
Intended use	Polymer material for denture bases
Structure	polymer, pigments, ethyl metacrylate, methyl metacrylate
Color	Pink powder / transparent liquid

### 1.2. 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

Emergency telephone number:  
Phone / Fax +972.893.172.35

## SECTION 2: KINDS OF DANGEROUS INFLUENCE AND A CONDITION OF THEIR OCCURRENCE

Does not contain the substances dangerous to people and an environment. Does not harmful influences on the person (the Toxicological Report of Russian Health Service).

## SECTION 3: MEASURES OF FIRST AID

The help is not required owing to absence of harmful influences. By hitting on the body of person to shake, wash off water. By spreading to clean in the usual garbage container. Consequences of the slowed down action are absent. It is not required special means of first-aid treatment.

## SECTION 4: MEASURES AND MEANS OF MAINTENANCE OF FIRE SAFETY

not flammable, not burning, not explosive.

## SECTION 5: MEASURES ON PREVENTION OF EXTREME SITUATIONS

Does not cause occurrence of extreme situations.

## SECTION 6: RULES OF THE MANIPULATION AND STORAGE

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

## SECTION 7: RULES AND MEASURES ON A SAFETY OF THE USER

Does not demand means of protection of the user.

## SECTION 8: PHYSICAL AND CHEMICAL PROPERTIES

Physical condition: Powder/liquid/primer system.

Powder: polyethyl methacrylate + pigments; Liquid: butyl methacrylate + polymerization process activator;  
primer: methyl methacrylate + ethyl methacrylate.

Pink powder without streaks, without foreign inclusions and odor; colorless transparent liquid; primer -  
colorless transparent liquid without agglomerates and foreign inclusions.

Bending strength – not less than 60 MPa, modulus of elasticity - not less than 1500 MPa, water absorption -  
not more than 32 micrograms/mm<sup>3</sup>, water solubility - not more than 8.0 micrograms/cm<sup>3</sup>, parking time - no  
more than 15.0 min, initial polymerization time - no more than 30.0 min.

## SECTION 9: STABILITY AND CHEMICAL ACTIVITY

It is chemically stable during unlimited time.

## SECTION 10: TOXICOLOGICAL INFORMATION

It is nontoxic. Does not render carcinogenic or narcotic influence.  
(The toxicological conclusion of Russian Health Service).

## SECTION 11: INFLUENCE ON AN ENVIRONMENT

Does not render harmful influence on an environment.

## SECTION 12: RECYCLING AND A BURIAL PLACE OF WASTE (RESTS)

Recycling in the usual garbage container.

## SECTION 13: TRANSPORT INFORMATION

It is steady against the mechanical influences arising at transportation in accordance, 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.

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**Disclaimer:**

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.