

GDT IMPLANT CEMENT



**Material safety data sheet
(MSDS) Version 1.0 / EN**

11 June 2018

Hazard pictograms



Signal word: Carefully

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

1.1. Product identifier

Product Name	GDT Implant Cement.
Physical State	Dental Cementing Material.

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

Identified uses	Eugenol-Free Semi-Permanent Cement for Implant Retained Crowns.
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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	GDT Implants.
Company-Address	Yitzhak Ben Zvi 9/64 Beer Sheva, Israel
Contact-Name	Yakir Solcman
Phone/Fax	+972.54.77.90.282
E-mail	info@gdt-Implants.com

2.2. Emergency telephone number:

Phone / Fax	+972.54.77.90.282
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Ingredients:

UDMA	30-40 % by Wt	CAS. No. 72869-86-4 CAS.
Bis-GMA	5-10 % by Wt	No. 1565-94-2 CAS.
Ba-glass	40-50 % by Wt	No. 65997-17-3 CAS.
Pigment (red+yellow+black)	1-10 % by Wt	No. 1309-37-1

SECTION 4: HAZARDS IDENTIFICATION

4.1. Hazard designation:

Ingredients determined not be hazardous by the FDA.

SECTION 5: FIRST AID MEASURES

5.1. First aid measures:

Eyes: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: Give large volumes of water. Do not induce vomiting. Consult a physician if ingested in large amounts.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Summary of Chronic Hazards: None Known.

Carcinogenicity: Not carcinogenic in long term animal studies.

Teratogenicity: None Known.

Mutagenicity: None Known.

Reproductive Toxicity: None Known.

SECTION 6: FIRE FIGHTING MEASURES

6.1. Fire fighting measures:

Stability:	Stable.
Conditions to avoid:	Light and Heat.
Hazardous Polymerization:	No possibility of occurrence. Water, foam,
Fire Extinguishing Media:	and dry powder.

SECTION 7: ACCIDENTAL RELEASE MEASURES

7.1. Accidental release measure:

Environmental Precautions:	No special measures necessary.
Methods for cleansing:	Sweep up and wash the contaminated place with a proper absorbent.

SECTION 8: HANDLING AND STORAGE

8.1. Handling and Storage Precautions:

- Store under the condition of keeping tightly capped.
- Store in a cool, dry place.
- Avoid the exposure of flames, heat, and light.

SECTION 9: EXPOSURE CONTROLS / PERSONAL PROTECTION

9.1. Exposure controls / Personal protection:

Advice:	Harmless to human body.
Personal	Safety glasses and rubber gloves.
Protection:	Handle in accordance with safety
Hygiene Measure:	practice.
Do not eat.	

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES

10.1. Physical and chemical properties:

Physical State:	Paste.
Color: Sensibility	Yellowish.
of light:	Very sensitive (polymerization).

SECTION 11: STABILITY AND REACTIVITY

11.1. Stability and chemical activity:

Stability:	Stable under normal use
Polymerization:	conditions. Will not occur without
Conditions to avoid:	light. Light and heat.

SECTION 12: TOXICOLOGICAL INFORMATION

12.1. Toxicological information:

Agar overlay test:	0 ~ 1 (none ~ mild).
Systemic toxicity test:	No biological harm (tested with mice).
Oral mucous irritant test:	Redness, edema have not been detected (tested with
Endotoxin test:	hamsters). Suitable for Endotoxin limit.

SECTION 13: ECOLOGICAL INFORMATION

13.1. No data available.

SECTION 14: DISPOSAL CONSIDERATIONS

14.1. Contaminated products:

Must be disposed of in accordance with company regulations.

SECTION 15: TRANSPORT INFORMATION

15.1. Information of transportation:

UN No.:	Not applicable.
Proper shipping name:	Not applicable.
Hazard Class:	Not applicable.
Packing group:	Not applicable.
Marine pollution:	Not applicable.

15.2. Special precautions for user related to transport or transportation measures:

- Local transport follows in accordance with dangerous goods safety management law.
- Package and transport follow in accordance with department of transportation (NOT) and other regulatory agency requirements.
- Air transport (IATA): Not subject to IATA regulations.

SECTION 16: REGULATORY INFORMATION

16.1. Follow local or national regulations.

SECTION 17: OTHER INFORMATION

17.1. Other information:

The information in this Material Safety Data Sheet is believed as to be correct as of the date issued. It is stated only as guidance for safe handling, use, processing, storage, transport, and disposal. Thus, it is not to be considered a warranty or representation for which GDT Implants takes any kind of legal responsibilities. GDT Implants takes no legal responsibility for any damages stemming from the mishandling of this product.