

MATERIAL SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: ReCreate Bond 7

Other Names: n/a

Recommended Use: Adhesive of the composite resin for direct restoration

Company name: Safe Endo Dental India Pvt. Ltd.

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2 - HAZARDS IDENTIFICATION

• **Hazard description:** C Corrosive •

Information concerning to particular hazards to man and environment

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R10 Flammable

R34 Cause burns

R37 Irritating to respiratory system

• **Classification system**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	Contents	w/w %	CAS	EC no.	R-Phrases
Dimethacrylate oligomer Bis-GMA			1565-94-2	216-367-7	
Polymerization activators Stabilizers					

4 - FIRST AID MEASURES

General information : Immediately remove any clothing soiled by the product

After inhalation : Supply fresh air , consult doctor in case of complaints

After skin contact : Immediately wash with water and soap and rinse thoroughly

After eye contact : Rinse opened eye for several minutes under running water. if symptoms persist, consult a doctor

After swallowing : Drink plenty of water spray. Fight larger fires with water spray or alcohol resistant foam.

5 - FIRE-FIGHTING MEASURES

• **Suitable extinguishing agents**

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

6 - ACCIDENTAL RELEASE MEASURES

Person-related safety precautions : Wear protective equipment. Keep unprotected persons away

Measures for environmental protection : Do not allow enter sewers/surface or ground water.

Measures for cleaning/collecting : Absorb with liquid-binding material(sand, diatomite, acid binder, universal binders, sawdust) Use neutralizing Dispose contaminated material as waste according to item 13. Ensure adequate ventilation

7 - HANDLING AND STORAGE

• **Handling** Product in intended for dental use only

• **Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace

Prevent formation of aerosols

Observe normal care for working with chemicals

• **Information about fire - and explosion protection:** Keep ignition sources away-do not smoke Protect against electrostatic charges

• **Storage Requirements to be met by storerooms and receptacles:** No Special requirements

• **Information about storage in one common storage facility:** Not required.

• **Further information about storage conditions:** Keep receptacle tightly sealed Store in cool, dry conditions in well sealed receptacles.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

• **Additional information about design of technical facilities:** No further data; see item 7.

Ingredients with limit values that requires monitoring at the workplace;

• Additional information: The lists valid during the making were used as basis. • Personal protective equipment • General protective and hygienic measures Keep away from foodstuffs, beverages and feed Immediately remove all soild and contaminated clothing Wash hand before breaks and at the end or work Respiratory protection: No necessary if room is well ventilated • Protective Gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation • Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application. • Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. • Eye protection: Tightly sealed goggles Body Protection: Protective work clothing

9 - PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade : Viscous, yellow liquid, characteristic odor

General Physical Form : Liquid

Autoignition temperature : No Data Available

Flash Point : 34 °C [Test Method: Closed Cup]

Flammable Limits - LEL : No Data Available

Flammable Limits - UEL : No Data Available

Boiling point : >= 78 °C

Density : 1 - 1.2 g/cm³

Vapor Density : No Data Available

Vapor Pressure : <= 15 mmHg Specific

Gravity : 1 - 1.2 [Ref Std: WATER=1]

pH : Not Applicable

Melting point : No Data Available

Solubility in Water : Appreciable

10 - STABILITY AND REACTIVITY

Stability : Stable

Materials and Conditions to Avoid : Heat

Hazardous Polymerization : Hazardous polymerization will not occur
Hazardous Decomposition or By-Products

Substance	Condition
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Irritant Vapors or Gases	During Combustion

11 - TOXICOLOGICAL INFORMATION

Please contact on our company mail id for toxicological information

12 - ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION : Not determined.

CHEMICAL FATE INFORMATION : Not determined.

13 - DISPOSAL CONSIDERATIONS

Waste treatment methods:

Unusable waste of the product be disposed of as hazardous waste. Contaminated packages must be burnt in an incineration plant or handled by a company authorized for dangerous waste disposal.

14 TRANSPORT INFORMATION

DOT shipping name	Not-regulated
DOT hazard class	Not-regulated
UN number	N/A
Sea transport IMDG/GGV sea class	N/A
UN number	N/A
MFGA number	N/A
EmS number	N/A
Air transport ICAO-Ti and	N/A
IAT A-DGR class	Not-regulated
UN number	N/A

15 - REGULATORY INFORMATION

US FEDERAL REGULATIONS : Contact Safe Endo Dental India Pvt. Ltd for more information. 311/312 Hazard Categories : No Fire Hazard–NoPressure Hazard-No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard – Yes

STATE REGULATIONS : Contact SafeEndo Dental India Pvt. Ltd for more information.

CHEMICAL INVENTORIES : This material contains one or more substances not listed on the TSCA Inventory. Commercial use of this material is regulated by the FDA. Contact Safe Endo Dental India Pvt. Ltd for more information.

INTERNATIONAL REGULATIONS : Contact SafeEndo Dental India Pvt. Ltd for more information.

16 - OTHER INFORMATION

The above information applies to customer packages unless stated otherwise, and fully expresses our current knowledge and experience. The product is assumed for use at worksites corresponding to its designation, and the instructions on the enclosed instruction sheet as well as the standard labour safety regulations for the handling of chemical products are assumed to be adhered to.