

SAFETY DATA SHEET

SDS-0011

EndoSequence® Core Build-up Material

Date Issued: SEP/29/2015
EDCO 15.0040 REV A

1 – IDENTIFICATION

Product Identifier	Trade Name	Product Identifier Number (REF)
SEQ100	EndoSequence Core Build-Up Material – A2 Cartridge Kit	5013879U0
SEQ101	EndoSequence Core Build-Up Material – Opaceous White Cartridge Kit	5013880U0
SEQ102	EndoSequence Core Build-Up Material – A2	5013883U0
SEQ103	EndoSequence Core Build-Up Material – Opaceous White	5013884U0
SEQ104	EndoSequence Core Build-Up Material – Intro Syringe Kit	5013885U0

Product Use	Dental Product for core build-up under all-ceramic restorations, all composite restorations, restorative material for prepared teeth, and as post cement.
Restrictions on Use	For dental use only.
Supplier	Brasseler U.S.A. Dental, LLC One Brasseler Boulevard Savannah, Georgia 31419, USA Tel: 1-800-841-4522
Emergency Contact	For Chemical Emergency ONLY (spill, leak, fire, exposure, or accident) call: CHEMTREC Tel: 1-800-262-8200 (USA) +1 703-741-5500 (International)

2 – HAZARDS IDENTIFICATION

Risk identification	None known.
Classification of the substance or mixture	Not Hazardous. Those people known to be allergic to methacrylate resins should avoid the use of this product.
Label Elements	None

Special risks for human beings and environment	None known.
Other Hazard	None

3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characteristics:	Mixture of BISGMA, UDMA, HDDMA, silane treated bariumborosilicate glass fillers*, chopped glass fibers, pigments with initiators, stabilizers and UV absorber. <i>*contains small amount of Alumina</i>																																						
Description	Visible light cured and self-cured resin composite.																																						
Hazardous components	<table border="1"> <thead> <tr> <th rowspan="2">Name:</th> <th rowspan="2">CAS #</th> <th colspan="2">Exposure Limit mg/m3</th> </tr> <tr> <th>OSHA PEL</th> <th>ACGIH TLV</th> </tr> </thead> <tbody> <tr> <td>BisGMA</td> <td>1565-94-2</td> <td>N/E</td> <td>N/E</td> </tr> <tr> <td>UDMA</td> <td>74389-53-0</td> <td>N/E</td> <td>N/E</td> </tr> <tr> <td>HDDMA</td> <td>6606-59-3</td> <td>N/E</td> <td>N/E</td> </tr> <tr> <td>Silane Treated Barium Boro-alumino Silicate Glass</td> <td>N/A</td> <td>N/E</td> <td>N/E</td> </tr> <tr> <td>Silane Treated Chopped Glass Fibers</td> <td>N/A</td> <td>N/E</td> <td>N/E</td> </tr> <tr> <td>Pigments</td> <td>Various</td> <td>Unknown</td> <td>Unknown</td> </tr> <tr> <td>UV Absorbers</td> <td>Unknown</td> <td>Unknown</td> <td>Unknown</td> </tr> <tr> <td>Polymerization System</td> <td>Various</td> <td>N/E</td> <td>N/E</td> </tr> </tbody> </table>	Name:	CAS #	Exposure Limit mg/m3		OSHA PEL	ACGIH TLV	BisGMA	1565-94-2	N/E	N/E	UDMA	74389-53-0	N/E	N/E	HDDMA	6606-59-3	N/E	N/E	Silane Treated Barium Boro-alumino Silicate Glass	N/A	N/E	N/E	Silane Treated Chopped Glass Fibers	N/A	N/E	N/E	Pigments	Various	Unknown	Unknown	UV Absorbers	Unknown	Unknown	Unknown	Polymerization System	Various	N/E	N/E
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4 – FIRST AID MEASURES

Route of Exposure	First Aid Treatment
Inhalation	<ul style="list-style-type: none"> Move exposed individual from the area into fresh air. Get medical attention if coughing and other symptoms do not subside.
Skin Contact	<ul style="list-style-type: none"> Wash with plenty of water and soap.
Eye Contact	<ul style="list-style-type: none"> Rinse with plenty of water and contact an ophthalmologist.
Ingestion (large amounts)	<ul style="list-style-type: none"> Seek medical advice immediately.
Most important symptoms and effects, both acute and delayed	<ul style="list-style-type: none"> None known
Indication of any immediate medical attention and special treatment needed	<ul style="list-style-type: none"> Treat symptomatically.

5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	<ul style="list-style-type: none"> CO₂, water, dry chemical.
Extinguishing Media to Avoid	<ul style="list-style-type: none"> No information available.
Special hazards arising from the substance or mixture	<ul style="list-style-type: none"> Thermal decomposition can lead to release of irritating gases and vapors.
Special Protective Actions Equipment and Precautions for Fire-Fighters	<ul style="list-style-type: none"> Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.
Additional Information	<ul style="list-style-type: none"> Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.



6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	<ul style="list-style-type: none"> See chapter 8.2.2
Environmental precautions	<ul style="list-style-type: none"> Absorb with inert material. Collect in closed containers and dispose of as recommended. Avoid skin contact, wear protective equipment. Local authorities should be advised if significant spillages cannot be contained.
Methods and material for containment and cleaning up	<ul style="list-style-type: none"> Wipe surface dry. Forward for disposal. Clean up affected area with water. Dispose according to Federal, State, and local regulations.
Reference to other sections	<ul style="list-style-type: none"> None.

7 – HANDLING AND STORAGE

Precautions for Safe Handling	<ul style="list-style-type: none"> Avoid contact with eyes. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.
Precautions in Case of Fire and Explosion	<ul style="list-style-type: none"> Normal measures for preventive fire protection.
Conditions for safe storage, including any incompatibilities	<ul style="list-style-type: none"> Storage Instructions: <ul style="list-style-type: none"> Refrigeration required. Store at 2 – 8° C. Keep away from direct sunlight, initiators, oxidizing, and/or reducing agents. Over time, spontaneous polymerization may occur.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters	<ul style="list-style-type: none"> Material: N/A Limit Value: N/A 	
Appropriate engineering controls	<ul style="list-style-type: none"> Ensure adequate ventilation. 	
Special Storage and Handling Precautions	Eye / Face Protection 	<ul style="list-style-type: none"> Wear suitable eye protection (OSHA approved goggles).
	Hand Protection 	<ul style="list-style-type: none"> Protective gloves
	Respiratory Protection	<ul style="list-style-type: none"> Not required under normal use.
	Skin Protection	<ul style="list-style-type: none"> Required when risk of splash.
	Ventilation	<ul style="list-style-type: none"> Not required under normal use.
	Further Information	<ul style="list-style-type: none"> Possibilities to eye flush should be available near the work place.
Environmental exposure controls	<ul style="list-style-type: none"> No information available. 	

9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Form: Paste. Color: Shaded base part, white catalyst part.	Auto-flammability (EEC A16)	Not available
Odour	Ester-like.	Oxidising properties	Not available
Odour Threshold	Not available	Explosion hazard	Not available (unlikely)
pH, undiluted	Not available	Relative Density	Not available
pH-value, 1% aqueous solution	Not available	Explosion limits (Vol.%) lower and upper	Not available
Boiling Point and Boiling Range	Not available	Vapour pressure and Vapour density (Air = 1)	Not available
Melting Point and Melting range	Not available	Density (g/cm³)	1.7
Flash Point	Not available	Solubility (in Water)	Not available
Flammability (EEC A10/A13)	Not available	Partition coefficient, n-Octanol / Water	Not available
Ignition temperature (°C)	Unknown	Viscosity	Not available
Solvent content (m %)	Not available	Thermal decomposition (°C)	Not available
Evaporation rate	Not available	Other information	Content of solids: ≥ 65%

10 – STABILITY AND REACTIVITY

Reactivity	<ul style="list-style-type: none"> Not available
Chemical Stability	<ul style="list-style-type: none"> Not available
Possibility of Hazardous Reactions	<ul style="list-style-type: none"> Not available
Conditions To Avoid	<ul style="list-style-type: none"> Excessive heating.
Substances to be avoided	<ul style="list-style-type: none"> None
Incompatible materials	<ul style="list-style-type: none"> Stable. Avoid bringing peroxide and excessive heat to base part and avoid bringing amine and excessive heat to catalyst part. Incompatible with ZOE.
Hazardous decomposition products	<ul style="list-style-type: none"> Unknown.

11 – TOXICOLOGICAL INFORMATION

Carcinogenicity	<ul style="list-style-type: none"> None of the components of this material are listed by IARC, NTP, OSHA, or ACGIH as carcinogens.
TLV	<ul style="list-style-type: none"> Unknown.
Primary Routes of entry	<ul style="list-style-type: none"> Inhalation, skin, and eyes.

12 – ECOLOGICAL INFORMATION

Toxicity	<ul style="list-style-type: none"> Not available.
Persistence and degradability	<ul style="list-style-type: none"> Not available.
Bio-accumulative potential	<ul style="list-style-type: none"> Not available.
Mobility in soil	<ul style="list-style-type: none"> Not available.
Results of PBT and vPvB assessment	<ul style="list-style-type: none"> Not available.
Other adverse effects	<ul style="list-style-type: none"> Not available.

13 – DISPOSAL CONSIDERATIONS

Waste treatment methods	<ul style="list-style-type: none"> Dispose in accordance with Federal, State, and local regulations.
Contaminated Packaging	<ul style="list-style-type: none"> Handle in accordance with good industrial hygiene and safety practice.

14 – TRANSPORT INFORMATION

DOT, ADR, IMDG, IATA restrictions	<ul style="list-style-type: none"> Not a dangerous substance as defined in these regulations.
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15 – REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	<ul style="list-style-type: none"> Classification according to EEC guidelines: Unknown. National Prescriptions: Unknown. Classification according to VbF: Unknown.
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16 – OTHER INFORMATION

Date of Preparation	SEP/29/2015
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This product should be used according to manufacturer's directions. Safety precautions presented above may not be adequate for all individuals or situations. Inexperienced product users should obtain proper training before using or handling this product. Users have the responsibility to comply with all laws and procedures applicable to the products' safe handling and use, determine the suitability of the product for its intended use, and understand possible hazards associated with mixing this product with other materials. 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. The supplier and/or manufacturer of this product shall not be held liable for damage resulting from handling, misuse or from contact with this product.