

MATERIAL SAFETY DATA SHEET

Date of issue 09/03/2007 (rev.0)

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SECTION I PRODUCT AND MANUFACTURER INFORMATION			
Product Name	DiaFil Core		
Application/Use	Dental filling material		
Manufacturer	DiaDent Group International #19-9 Songjung-dong, Heungduk-gu Cheongju, Choongchong Buk-do, Korea		
Emergency Phone	82-43-266-2315		
SECTION II COMPOSITION/INFORMATION ON INGREDIENT			
Hazardous Ingredient	Concentration	CAS No.	Further Information
Bisphenol A diglycidylmethacrylate	Proprietary	1565-94-2	None
SECTION III HAZARDS IDENTIFICATION			
Uncured material contact to skin directly may cause irritation or skin rash especially in sensitive individuals			
SECTION IV FIRST AID MEASURES			
Eye Contact	Flush with a large amount of water. Seek medical advice.		
Skin Contact	Wash with soap and water. Seek medical advice.		
Ingestion	Give 2-5 glasses of water. Seek medical advice.		
Inhalation	Remove to fresh air. Seek medical advice.		
SECTION V FIRE FIGHTING MEASURES			
Flash Point (°F)	> 100	Upper Explosion Limit	N/D
Extinguishing Media	Water fog, CO ₂ , foam, dry chemical		
Unusual Fire and Explosion Hazard	Heat can cause polymerization with rapid release of energy		
SECTION VI ACIDENTAL RELEASE MEASURES			
Personal and Environmental Precautions	Not established		
Method for Cleansing	Clean with alcohol		
SECTION VII HANDLING AND STORAGE			
Handling Precaution	Only by qualified staff in dental offices or laboratories		
Storage Precaution	Avoid exposure to light and heat, refrigerate when not in use (below 24°C)		
SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION			
Respiratory Protection	N/A	Eye Protection	Protective glasses
Hand Protection	Latex Glove	Skin Protection	Lab coat

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SECTION IX PHYSICAL/CHEMICAL PROPERTIES			
Appearance	Paste	Boiling Point	N/A
Odor	Slightly acrylate odor	Flash Point(*F)	>100
Color	White or tooth color	Vapor Pressure	N/A
Specific Gravity	> 1	Evaporation Rate	N/A
Solubility in Water	Nil	pH	N/A
SECTION X STABILITY AND REACTIVITY			
Stability	Unstable (>30 °C)		
Materials and Condition to Avoid	Heat and light		
Hazardous Decomposition Product	None		
SECTION XI TOXICOLOGICAL INFORMATION			
Acute Toxicity	Nontoxicity		
Skin contact	Prolonged and repeated exposure may cause irritation		
Eye contact	May be mildly irritating to eye		
Sensitization	Prolonged and repeated exposure may cause irritation		
SECTION XII ECOLOGICAL INFORMATION			
No data available			
SECTION XIII DISPOSAL CONSIDERATION			
Waste Disposal Method	In accordance with government regulations		
SECTION XIV TRANSPORT INFORMATION			
Land (RID/ADR)	---		
Inland Waterways (ADNR)	---		
Sea (IMDG)	---		
Air (ICAO-TI/IATA-DGR)	---		
Product is not classified any transport regulations			
SECTION XV REGULATORY INFORMATION			
Medical device directive 93/42/EEC			
Regulation of KFDA			
SECTION XVI OTHER INFORMATION			
This MSDS is taken from raw material MSDS and manufacturer's knowledge and experience. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.			