

< MSDS Data for *DiaFil* >

SECTION I MATERIAL IDENTIFICATION AND USE			
Identity	DiaFil		Manufacturer's Name DiaDent Group International
Address	#19-9 Songjung-dong, Heungduk-gu Cheongju, Choongchong Buk-do, Korea		
Emergency Telephone Number	82-43-266-2315	Material Use	Light-cured Hybrid Composite Resin
SECTION II HAZAROUS INGREDIENTS OF MATERIAL			
Hazardous Ingredient	CAS Number	Concentration(%)	LD50/LC50 mg/kg(rat/oral)
Bisphenol diglycidylmethacrylate	1565-94-2	< 10	N/D
Other Ingredient	Inert Mineral Fillers		
SECTION III PHYSICAL/CHEMICAL DATA FOR MATERIAL			
Boiling point	N/A	Evaporation Rate	N/A
Vapor Pressure	N/A	Melting Point	N/A
Specific Gravity	> 1	pH	N/A
Solubility in water	Insoluble	Appearance and odor	Slight acrylic odor
SECTION IV FIRE AND EXPLOSION HAZARD DATA			
Flash point(F)	N/D	Upper explosion limit	N/D
		Lower explosion limit	N/D
Unusual Fire and explosion Hazard	Heat can cause polymerization with rapid release of energy		
SECTION V REACTIVITY DATAL			
Chemical stability	Unstable(>40℃)	Incompatibility(Material to avoid)	Peroxide and Amines
Hazardous Polymerization	will not occur	Hazardous Decomposition	None Known
SECTION VI HEALTH HAZARD DATA			
Route of Entry	Inhalation No	Skin Yes	Eye contact Yes
			Ingestion Yes
Health Hazards	Uncured resin may cause eye irritative and/or skin irritation		
Emergency and First Aid Procedure	Immediately flush eye with large amounts of water, get medical attention : wash skin plenty of Water with soap. If large ingestion, do not induce vomiting, seek medical attention.		
SECTION VII PRECAUSIONS FOR HANDLING AND USE			
Leak and Spill	Wipe up small spills with paper towels or dry cloth. Clean remainder with alcohol		
Waste disposal method	Dispose of in accordance regulations		
Storage requirement	Refrigerate when not in use(40℃ >)		
SECTION VIII CONTROL MEASURES			
Protection Equipment	Protective eyewear and surgical mask		
Glove(specify)	Rubber	Eye(specify)	Protective plastic
		Clothing(specify)	N/A
Work/Hygienic practices	Normal safe practices		
SECTION IX PREPARATION OF M.S.D.S.			
Additional Information	Only small dosages are used. There is very little hazard		
Source used	Raw material M.S.D.S. and manufacturers knowledge		
Phone Number	82-43-266-2315		
Date	February 20, 2000		