

< MSDS Data for *Dia Plus* >

SECTION I MATERIAL IDENTIFICATION AND USE			
Identity	Dia Plus	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	Dental Adhesive
SECTION II HAZAROUS INGREDIENTS OF MATERIAL			
Hazardous Ingredient	CAS Number	Concentration(%)	LD50/LC50 mg/kg(rat/oral)
Bisphenol diglycidylmethacrylate	1565-94-2	10 - 30	N/D
Hydroxyethyl methacrylate	868-77-9	10 - 30	5000
SECTION III PHYSICAL/CHEMICAL DATA FOR MATERIAL			
Boiling point	78℃	Evaporation Rate	N/A
Vapor Pressure	at 20℃ 59 hPa	Melting Point	N/A
Specific Gravity	> 1	pH	N/A
Solubility in water	partial for uncurd material	Appearance and odor	Liquid Slight odor of alcohol
SECTION IV FIRE AND EXPLOSION HAZARD DATA			
Flash point(F)	ca. 70	Upper explosion limit	N/D
		Lower explosion limit	N/D
Unusual Fire and explosion Hazard	Upon combustion irritating gasses may form		
SECTION V REACTIVITY DATA			
Chemical stability	stable	Incompatibility(Material to avoid)	spark or flame
Hazardous Polymerization	will not occur	Hazardous Decomposition	carbon monoxide, carbon dioxide
SECTION VI HEALTH HAZARD DATA			
Route of Entry	Inhalation Yes	Skin Yes	Eye contact Yes Ingestion Yes
Health Hazards	Inhalation: may cause irritation of throat., Skin: may cause mild irritaion., Eyes: may cause mild irritation., Ingestion: may be poisonous by ingestion.		
Emergency and First Aid Procedure	Inhalation: Remove to fresh air. If irritation persists, seek medical attention. Skin: Wash skin thoroughly with soap and water. Use hand cream.. Eye: Flush with water for 15minutes. If irritaion persists, seek medical attention., Ingestion: Do not give liquids if person is unconscious. Seek medical attention.		
SECTION VII PRECAUSIONS FOR HANDLING AND USE			
Leak and Spill	Wipe up small spills with paper towels or dry cloth.		
Waste disposal method	Dispose of in accordance regulations		
Storage requirement	Store in a cool, dry place away from ignition sources.		
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	September 28, 2002		