

< MSDS Data for *DiaFil Flow* >

SECTION I MATERIAL IDENTIFICATION AND USE			
Identity	DiaFil Flow	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 filling material
SECTION II HAZAROUS INGREDIENTS OF MATERIAL			
Hazardous Ingredient	CAS Number	Concentration(%)	LD50/LC50 mg/kg(rat/oral)
Bisphenol diglycidylmethacrylate	1565-94-2	Proprietary	N/D
Fumed Silica	112945-52-5	> 3	> 5000
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	nil	Appearance and odor	Tooth colored resin paste, Slight acrylic odor
SECTION IV FIRE AND EXPLOSION HAZARD DATA			
Flash point(F)	> 100	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	Unstable(>40℃)	Incompatibility(Material to avoid)	Light
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 PRECAUTIONS 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	September 7, 2001		