

< MSDS Data for Dia Etch >

SECTION I MATERIAL IDENTIFICATION AND USE			
Identity	DiaFil Etch – 37	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	Etching of tooth enamel and dentin
SECTION II HAZARDOUS INGREDIENTS OF MATERIAL			
Hazardous Ingredient	CAS Number	Concentration(%)	LD50/LC50 mg/kg(rat/oral)
Phosphoric Acid	7664 – 38 - 2	10 - 40	1530
SECTION III PHYSICAL/CHEMICAL DATA FOR MATERIAL			
Boiling point	> 100°C	City	N/A
Vapor Pressure	N/A	City	N/A
Specific Gravity	> 1	City	About 1
Solubility in water	Completely Miscisce	City	Blue, Semi-gel Liquid, Odorless
SECTION IV FIRE AND EXPLOSION HAZARD DATA			
Flash point(C)	N/A	Upper explosion limit	N/A Lower explosion limit N/A
Unusual Fire and Explosion Hazard	Upon Combustion Irritating Gases may form		
SECTION V REACTIVITY DATA			
Chemical stability	Stable	Incompatibility(Material to avoid)	Reactive Matsls and carbonates
Hazardous Polymerization	will not occur	Hazardous Decomposition	Oxides of phosphorus
SECTION VI HEALTH HAZARD DATA			
Route of Entry	Inhalation No	Skin Yes	Eye contact Yes Ingestion Yes
Health Hazards (Acute and chronic)	Corrosive to the eye avoid contact with skin		
Emergency and First Aid Procedure	Immediately flush eye with large amounts of water, get medical attention : wash skin plenty of water. If ingestion, give large amounts of water or milk, do not induce vomiting, take antacid		
SECTION VII PRECAUTIONS FOR HANDLING AND USE			
Leak and Spill	Wipe up small spills with paper Neutralize large spills with baking soda		
Waste disposal method	Dispose of in accordance with regulations		
Storage requirement	Store of in accordance with regulations at room temperature		
SECTION VIII CONTROL MEASURES			
Protection Equipment	Protective eyewear		
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 – not hazardous		
Source used	Raw material M.S.D.S. and manufacturers knowledge		
Phone Number	82-43-266-2315		
Date	February 20, 2000		