

5. FIRE - FIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide, Dry chemical powder, Water spray, Foam and Dry sand.
Prohibited extinguishing media	Do not use straight streams of water.
Extinguishing media	For small fires, use dry chemical, carbon dioxide, or dry sands, etc. For large fires, use foam extinguisher. Move containers from fire area if it can be done without risk, and if possible, apply water from a safe distance to cool and protect surrounding area. Fire water and dilution water must be contained and prevented from being discharged to any waterway, sewer, or drain in order not to cause environment pollution.
Protection for firefighters	Wear self-contained breathing apparatus and full protective gear. During a fire irritating and highly toxic gases (carbon monoxide) may be generated by thermal decomposition or combustion. Extinguish the fire from the windward.

6. ACCIDENTAL RELEASE MEASURES

There is no information.

7. HANDLING AND STORAGE

Handling	Don't provide the shocks such as falls. Avoid skin contact and inhalation of dust. Wash mouth and hands etc. after handling.
Storage	Keep it in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROL	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.			
CONTROL PARAMETERS 1)	Barium sulfate	5mg/m3	Calcium hydroxide	5mg/m3
ACGIH(TWA)	Graphite	2mg/m3		
Note)	Zirconium oxide	5mg/m3 (as Zr)		
TWA :Time-Weighted Average				
PERSONAL PROTECTIVE EQUIPMENT	Dust mask, Resistant gloves (e.g., nitrile glove), Safety goggles			

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid (Article)
Color	Gray
Odor	N/A
pH	N/A
Flash point	N/A
Ignition point	N/A
Density	2.4-3.5
Solubility	in water N/A
	in organic solvents N/A