

monoxide) may be generated by thermal decomposition or combustion. Extinguish the fire from the windward.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Keep personnel away except for authorized ones from spillage area by stretching ropes. Wear proper equipment and avoid contact with skin and inhalation. Do not absorb/collect the spill downwind.
- Environmental precautions : Prevent spills from entering sewers, watercourses or lower area and prevent from affecting environment. Absorb or collect the spill according to the disposal rules.
- Methods and materials for contaminant and cleaning up : Collect it using a vacuum cleaner or dust collection equipment. Absorb or collect the spill according to the disposal rules.

7. HANDLING AND STORAGE

- Handling
- Remove dust on work clothing using dust collection equipment etc.
 - Wash mouth and hands etc. after handling.
 - Use proper dust collection equipment to prevent dust from scattering.
 - Avoid prolonged or frequently repeated exposure.
 - Pregnant women must avoid exposure.
- Storage
- Store in a dry place.
 - Keep away from heat, steam pipe and sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control : Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Facilities storing or utilizing these materials should be equipped with an eyewash and a safety shower.

Install a measuring instrument and a detector for flammable gases, toxic gases, if necessary.

Chemical name	OSHA PEL	ACGIH TLV
		TWA
Graphite	15mg/m ³ (T) 5mg/m ³ (R)	2mg/m ³ (R)
Zirconium oxide	5mg(Zr)/m ³	5mg(Zr)/m ³ 10mg(Zr)/m ³ (STEL)
Copper	1mg/m ³ (Dust and mists (as Cu))	1mg/m ³ (Dust and mists (as Cu))
Aluminum oxide	5mg/m ³	1mg/m ³
Barium sulfate	15mg/m ³ (T) 5mg/m ³ (R)	5mg/m ³ (T)
Calcium hydroxide	15mg/m ³ (T) 5mg/m ³ (R)	5mg/m ³ (T)

TLV: Threshold limit value, TWA: Time weighed average, (T): Total dust, (R): Respirable fraction (STEL): Short term exposure limit, (Zr): As elements

Personal protection equipment : Dust mask, Resistant gloves(e.g., nitrile glove), Safety goggles.