

OSHA: Occupational Safety and Health Administration
PEL-TWA: Permissible Exposure Limit-Time Weighted Average concentration
ACGIH: American Conference of Governmental Industrial Hygienists, Inc.
TLV-TWA: Threshold Limit Value-Time Weighted Average concentration
BEI: Biological Exposure Indices

- Personal protective equipment
 - Respiratory protection: Respirator with air cylinder, dust mask
 - Hand protection: Protective gloves
 - Eye protection: Goggle or protective glasses designed to protect against liquid splashes
 - Skin and body protection: Working clothes with long sleeve and long trousers
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9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance
 - Physical state: Solid
 - Form: Prismatic
 - Color: Metallic color
 - Odor: No odor
 - pH: NA
 - Specific temperatures/temperature ranges at which changes in physical state occur.
There is no useful information for the product as a mixture.
 - Flash point: NA
 - Explosion properties: NA
 - Density: NA
 - Solubility ,with indication of the solvent(s): Insoluble in water
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10. STABILITY AND REACTIVITY

- Stability: Stable under normal use
 - Hazardous reactions occurring under specific conditions
 - Conditions to avoid: When a cell is exposed to an external short-circuit, crushes, modification, high temperature above 100 degree C, it will be the cause of heat generation and ignition. Direct sunlight and high humidity.
 - Materials to avoid: Conductive materials, water, seawater, strong oxidizers and strong acids.
 - Hazardous decomposition products: Acrid or harmful gas is emitted during fire.
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11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself. The information of the internal cell materials is as follows.

Lithium Metal Oxide

- Acute toxicity: Unknown
- Local effects: Unknown
- Sensitization: Unknown
- Chronic toxicity/Long term toxicity: Unknown
- Skin causticity: Unknown

Aluminum

- Health Rating:0 - None
- Flammability Rating:1 - Slight
- Reactivity Rating:1 - Slight
- Contact Rating:0 - None
- Local effects: Aluminum itself has no toxicity.

Graphite

- Health Rating:0 - None
- Flammability Rating:0 - None
- Reactivity Rating:0 - None
- Contact Rating:1 - Slight
- Acute toxicity: Unknown.