Material Safety Data Sheet

Section 1 Identification

Product Number: C1171
Product Name: Aluminum Shot 99%
Trade/Chemical Synonyms: 
Formula: Al
RTECS: BD0330000
C.A.S CAS# 7429-90-5

Health: 0
Flammability: 0
Reactivity: 0
Hazard Rating: Least Slight Moderate High Extreme 0 1 2 3 4
NA = Not Applicable NE = Not Established

Section 2 Component Mixture

Sara 313 Component CAS Number % Dim Exposure Limits:
Aluminum Shot 99% CAS# 7429-90-5 100% W/W OSHA TWA 15 mg (Al)/m³ (Total Dust)

Section 3 Hazard Identification (Also see section 11)

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

Section 4 First Aid Measures

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.
EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but it is not necessary to induce. Never give anything by mouth to an unconscious person.

Section 5 Fire Fighting Measures

Fire Extinguisher Type: Carbon dioxide and dry chemical. DO NOT USE WATER!!
Fire/Explosion Hazards: Dust, powder forms explosive mixture with air. Dust, when damp, may heat spontaneously
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Section 6 Accidental Release Measures

Dispose of in a manner consistent with federal, state and local regulations.

Section 7 Handling and Storage

Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

Section 8 Exposure Controls & Personal Protection

Respiratory Protection: None required
Ventilation: None required
Other Protective Equipment: Use safe laboratory handling procedures.

Section 9 Physical and Chemical Properties

Melting Point: 660°C Specific Gravity 2.7
Boiling Point: 2450°C Percent Volatile by Volume: 0%
Vapor Pressure: N/A Evaporation Rate: N/A
Vapor Density: N/A Evaporation Standard: N/A
Solubility in Water: Insoluble Auto Ignition Temperature: N/E
Appearance and Odor: Silvery metallic solid / no odor Lower Flamm. Limit in Air: N/E
Flash Point: N/A Upper Flamm. Limit in Air: N/E

Section 10 Stability and Reactivity Information

Stability: Stable Conditions to Avoid: None known
Materials to Avoid: Hazardous Decomposition Products: Formation of hydrogen gas possible
Hazardous Polymerization: Will Not Occur
Condition to Avoid: None known

Section 11 Additional Information

Conditions aggravated/Target organs: None known.
DOT Classification: Not Regulated
DOT regulations may change from time to time. Please consult the most recent version of the relevant regulations.
Revision Date Entered: Approved by:
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