

## Section 1 Identification

Product Number:	C1171	Health:	0
Product Name:	Aluminum Shot	Flammability:	0
Trade/Chemical Synonyms:		Reactivity:	0
Formula:	Al	Hazard Rating:	Least Slight Moderate High Extreme
RTECS:	BD0330000	0	1
C.A.S	CAS# 7429-90-5	2	3
		4	
		NA = Not Applicable NE = Not Established	

## Section 2 Component Mixture

Sara 313	Component	CAS Number	%	Dim	Exposure Limits:
<input type="checkbox"/>	Aluminum Shot 99%	CAS# 7429-90-5	100%	W/W	OSHA TWA 15 mg (Al)/mf (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 &amp; Personal Protection

Respiratory Protection: None required

Mechanical:  Hand NIOSH Approved Protection: Gloves  
 Ventilation: Local Exhaust:  Eye Protection: Safety Glasses

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:	
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. Acute: Essentially nonhazardous. Dusts may irritate eyes and lungs. Chronic: 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 No:0 Date Entered: 9/1/2006 Approved by: WPF