



# Lab Armor® Beads – MSDS Sheet

VERSION 1.4  
UPDATED 11/0110

## Material Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**PRODUCT CODE** 42370-XXX  
**PRODUCT NAME** Lab Armor Beads

**CONTACT MANUFACTURER**

Lab Armor, LLC  
300 North 26<sup>th</sup> Ave  
Cornelius, OR 97113  
800-210-8612  
TechnicalSupport@labarmor.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<b>COMPONENT</b>	Aluminum Pellets
<b>CAS#</b>	7429-90-5
<b>Formula</b>	Al

### 3. HAZARD IDENTIFICATION

**HMIS RATING**

HEALTH:	0
FLAMMABILITY:	0
REACTIVITY:	1

**NFPA RATING**

HEALTH:	0
FLAMMABILITY:	0
REACTIVITY:	1

For additional information on toxicity, please refer to Section 11.

### 4. FIRST AID MEASURES

<b>SKIN CONTACT:</b>	Wash hands with water regularly.
<b>EYE CONTACT:</b>	Rinse thoroughly with plenty of water, also under the eyelids.

**INGESTION:** If swallowed, wash out mouth with water provided person is conscious. Call a physician.

**INHALATION:** Move to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

## 5. FIRE-FIGHTING MEASURES

**FLASH POINT** N/A

**AUTOIGNITION TEMP** N/A

**FLAMMABILITY** N/A

**EXTINGUISHING MEDIA** Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**FIREFIGHTING** Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.  
Specific Hazard(s): Emits toxic fumes under fire conditions.

## 6. ACCIDENTAL RELEASE MEASURES

**PROCEDURE(S) OF PERSONAL PRECAUTION(S)** Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation of dust.

**METHODS FOR CLEANING UP** Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

## 7. HANDLING AND STORAGE

**HANDLING** User Exposure: Avoid inhalation. Avoid contact with eyes.

**STORAGE** Suitable: Store in a dry place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**PERSONAL PROTECTIVE EQUIPMENT** Respiratory: Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks.  
Hand: Protective gloves.  
Eye: Chemical safety goggles.

**GENERAL HYGIENE MEASURES** Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE** Physical State: Solid

PROPERTY	VALUE	AT TEMPERATURE OR PRESSURE
Molecular Weight	26.98 AMU	
pH	N/A	
BP/BP Range	N/A	
MP/MP Range	660.37 °C	
Freezing Point	N/A	
Vapor Pressure	N/A	

Vapor Density	N/A
Saturated Vapor Conc.	N/A
SG/Density	2.7 g/cm <sup>3</sup>
Bulk Density	N/A
Odor Threshold	N/A
Volatile%	N/A
VOC Content	N/A
Water Content	N/A
Solvent Content	N/A
Evaporation Rate	N/A
Viscosity	N/A
Surface Tension	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point	N/A
Explosion Limits	N/A
Flammability	N/A
Autoignition Temp	N/A
Refractive Index	N/A
Optical Rotation	N/A
Miscellaneous Data	N/A
Solubility	N/A
N/A = not available	

---

## 10. STABILITY AND REACTIVITY

---

<b>STABILITY</b>	Conditions of Instability: Air and moisture sensitive. Materials to Avoid: Oxidizing agents.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Hazardous Decomposition Products: Aluminum oxide.
<b>HAZARDOUS POLYMERIZATION</b>	Hazardous Polymerization: Will not occur

---

## 11. TOXICOLOGICAL INFORMATION

---

<b>ROUTE OF EXPOSURE</b>	<p>Skin Contact: May cause skin irritation.</p> <p>Skin Absorption: May be harmful if absorbed through the skin.</p> <p>Eye Contact: May cause eye irritation.</p> <p>Inhalation: Material may be irritating to mucous membranes and upper respiratory tract. May be harmful if inhaled.</p> <p>Ingestion: May be harmful if swallowed.</p>
<b>SIGNS AND SYMPTOMS OF EXPOSURE</b>	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

---

## 12. ECOLOGICAL INFORMATION

---

<b>Ecotoxicity effects</b>	No information available.
<b>Mobility</b>	No information available.
<b>Biodegradation</b>	No information available
<b>Bioaccumulation</b>	No information available.

---

## 13. DISPOSAL CONSIDERATIONS

---

**APPROPRIATE METHOD OF DISPOSAL  
OF SUBSTANCE OR PREPARATION**

Material in the elemental state should be recovered for reuse or recycling. Observe all federal, state, and local environmental regulations.

---

14. TRANSPORT INFORMATION

**DOT**

Proper Shipping Name: None  
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

**ATA**

Non-Hazardous for Air Transport: Non-hazardous for air transport.

---

15. REGULATORY INFORMATION

**UNITED STATES REGULATORY  
INFORMATION**

**SARA LISTED:** No  
**TSCA INVENTORY ITEM:** Yes

**CANADA REGULATORY  
INFORMATION**

WHMIS Classification: This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by the CPR.

**DSL:** Yes  
**DSL:** No

---

16. OTHER INFORMATION

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all-inclusive and is to be used only as a guide. All materials and mixtures may be present unknown hazards and should be used with caution. Since Lab Armor cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS MSDS DOES NOT CONSTITUTE A WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

End of Safety Data Sheet