



## Solder Spheres - Alloy Sn96.5Ag3.5

**SECTION 1: Identification**

<b>GHS Product Identifier</b>	: Sphere Alloy Sn96.5 Ag3.5
<b>Other Means of Identification</b>	: Not Available
<b>Label Reference #</b>	: Not Available
<b>Product Type</b>	: Solid
<b>Relevant Identified Uses of substance or mixture and uses advised against</b>	: Not Applicable
<b>Supplier Details</b>	: EasySpheres Inc. 12012 SW Powell Butte Hwy Powell Butte, OR 97753 (858) 486-4068
<b>Emergency Telephone Number</b>	: (858)486-4068

**SECTION 2: Hazards Identification**

<b>OSHA / HCS Status</b>	: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
<b>Classification of the substance or mixture</b>	: Not Classified
<b>GHS Label Elements</b>	
<b>Signal Word</b>	: No Signal Word
<b>Hazard Statements</b>	: No Known Significant Effects or Critical Hazards.
<b>Precautionary Statements</b>	
<b>Prevention</b>	: Not Applicable
<b>Response</b>	: Not Applicable
<b>Storage</b>	: Not Applicable
<b>Disposal</b>	: Not Applicable
<b>Hazards Not Otherwise Classified</b>	: None Known

**Substance / Mixture** : Mixture  
**Other Means of Identification** : Not Available

**CAS Number/Other Identifiers**

**CAS Number** : Not Applicable  
**Product Code** : Not Available

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First Aid Measures

**Description of Necessary First Aid Measures**

**Eye Contact** : Get medical attention if any damage to the eye is caused by the metal  
**Inhalation** : Not Applicable  
**Skin Contact** : Flush contaminated skin with plenty of water. Cuts should be treated promptly and covered  
**Ingestion** : Not Applicable

**Most Important Symptoms / Effects, Acute and Delayed****Potential Acute Health Effects**

**Eye Contact** : Not Applicable  
**Inhalation** : Not Applicable  
**Skin Contact** : No Known significant effects or critical hazards  
**Ingestion** : Not Applicable

**Over-Exposure Signs / Symptoms**

**Eye Contact** : No specific data  
**Inhalation** : No specific data  
**Skin Contact** : No specific data  
**Ingestion** : No specific data

**Indication of immediate Medical Attention and special treatment needed, if Necessary**

**Notes to Physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific Treatments** : No Specific Treatment

**Protection of First Aid Personnel** : No action shall be taken involving any personal risk or without suitable training.

See toxicological Information (Section 11)

## SECTION 5: Fire-Fighting Measures

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- Hazardous Thermal Decomposition Products** : Decomposition products may include the following materials: Metal Oxides
- Special Protective Actions for Fire-Fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or
- Special Protective Equipment for Fire-Fighters** : No special protection is required.

## SECTION 6: Accidental Release Measures

### **Personal Precautions, Protective Equipment and Emergency Procedures**

- For Non Emergency Personnel** : No Action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.
- For Emergency Responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For Non-Emergency personnel".
- Environmental Precautions** : No Specific Hazard

### **Methods and Materials for containment and Cleaning up**

- Small Spill** : Restock Safely. Take care with items that are sharp or heavy.
- Large Spill** : Restock Safely. Take care with items that are sharp or heavy. Note: See section 1 for emergency contact information and section 13 for waste disposal.

## SECTION 7: Handling and Storage

### **Precautions for Safe Handling**

- Protective Measures** : Put on appropriate personal protective equipment (see section 8). Take care with items that are sharp or heavy.
- Advice on General Occupational Hygiene** : Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for Safe Storage, Including any incompatibilities** : Store in accordance with local regulations.

**Control Parameters**

**Occupational Exposure Limits** : None

**Appropriate Engineering Controls** : No special ventilation requirements

**Environmental Exposure Controls** : Not Applicable

**Individual Protection Measures**

**Hygiene Measures** : Wash thoroughly after handling

**Eye / Face Protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Safety glasses with side-shields.

**Skin Protection**

**Hand Protection** : Use strong, cut-resistant gloves suitable for handling metals.

**Body Protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other Skin Protection** : Appropriate footwear and any additional skin protection measure should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory Protection** : Not Applicable.

## SECTION 9: Physical and Chemical Properties

**Appearance**

**Physical State** : Solid

**Color** : Silver - Grey

**Odor** : Not Available

**Odor Threshold** : Not Available

**PH** : Not Available

**Melting Point** : Not Available

**Boiling Point** : Not Available

**Flash Point** : Not Available

**Evaporation Rate** : Not Available

**Flammability (Solid, Gas)** : Not Available

**Lower and upper Explosive (flammable) Limits** : Not Available

**Vapor Pressure** : Not Available

## SECTION 9: Physical and Chemical Properties (continued)

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<b>Vapor Density</b>	: Not Available
<b>Relative Density</b>	: Not Available
<b>Solubility</b>	: Not Available
<b>Partition Coefficient: n-octanol/water</b>	: Not Available
<b>Auto-Ignition Temperature</b>	: Not Available
<b>Decomposition Temperature</b>	: Not Available
<b>Viscosity</b>	: Not Available

## SECTION 10: Stability and Reactivity

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical Stability</b>	: The product is stable
<b>Possibility of Hazardous Reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to Avoid</b>	: No specific data
<b>Incompatible Materials</b>	: No specific data
<b>Hazardous Decomposition Products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological Information

### Information about Toxicological effects

<b>Acute Toxicity</b>	: Not Available
<b>Irritation / Corrosion</b>	: Not Available
<b>Sensitization</b>	: Not Available
<b>Mutagenicity</b>	: Not Available
<b>Carcinogenicity</b>	: Not Available
<b>Reproductive Toxicity</b>	: Not Available
<b>Teratogenicity</b>	: Not Available
<b>Specific Target Organ Toxicity (Single Exposure)</b>	: Not Available
<b>Specific Target Organ Toxicity (Repeated Exposure)</b>	: Not Available
<b>Aspiration Hazard</b>	: Not Available
<b>Information on likely routes of exposure</b>	: Not Available

**Potential Acute Health Effects**

<b>Eye Contact</b>	: Not Applicable
<b>Inhalation</b>	: Not Applicable
<b>Skin Contact</b>	: No known significant effects or critical hazards.
<b>Ingestion</b>	: Not Applicable

**Symptoms related to the physical, Chemical and Toxicological Characteristics**

<b>Eye Contact</b>	: No specific data
<b>Inhalation</b>	: No specific data
<b>Skin Contact</b>	: No specific data
<b>Ingestion</b>	: No specific data

**Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure****Short Term Exposure**

<b>Potential Immediate Effects</b>	: Not Available
<b>Potential Delayed Effects</b>	: Not Available

**Long Term Exposure**

<b>Potential Immediate Effects</b>	: Not Available
<b>Potential Delayed Effects</b>	: Not Available

**Potential Chronic Health Effects** : Not Available

**General** : No known significant effects or critical hazards.

**Carcinogenicity** : No known significant effects or critical hazards.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity** : No known significant effects or critical hazards.

**Developmental Effects** : No known significant effects or critical hazards.

**Fertility Effects** : No known significant effects or critical hazards.

**Numerical Measures of Toxicity Acute Toxicity Estimates** : Not Available

**Other Information**

**To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries. Assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**

## SECTION 12: Ecological Information

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**Toxicity** : Not Available

**Persistence and Degradability** : Not Available

**Bio accumulative Potential** : Not Available

### Mobility in Soil

**Soil / Water Partition Coefficient ( $K_{oc}$ )** : Not Available

**Other Adverse Effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal Considerations

**Disposal Methods** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions, and any by-products should at all times comply with the requirements of the environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incinerator or landfill should only be considered when recycling is not feasible. The material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues.

## SECTION 14: Transport Information

	<b>DOT Classification</b>	<b>TDG Classification</b>	<b>Mexico Classification</b>	<b>ADR/RID</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN number</b>	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated	Not Regulated
<b>UN Proper Shipping Name</b>	-	-	-	-	-	-
<b>Transport Hazard Class(es)</b>	-	-	-	-	-	-
<b>Packing Group</b>	-	-	-	-	-	-
<b>Environmental Hazards</b>	No	No	No	No	No	No
<b>Additional Information</b>	-	-	-	-	-	-

**Special Precautions for User** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the even of an accident or spillage.

**Transport in Bulk According to Annex II of MARPOL and the IBC Code** : Not Available

**U.S. Federal Regulations** : **TSCA 8(a) CDR Exempt/Partial exemption: Not Determined**  
 All components are listed or exempted.  
**Clean Water Act (CWA) 307: Silver**

**Clean Air Act Section 112** : Listed  
**(b)Hazardous Air Pollutants (HAPs)**

**Clean Air Act Section 602** : Not Listed

**Class I Substances**

**Clean Air Act Section 602** : Not Listed

**Class II Substances**

**DEA List I Chemicals** : Not Listed

**(Precursor Chemicals)**

**DEA List II Chemicals** : Not Listed

**(Essential Chemicals)**

**SARA 302/304**

**Composition/Information on Ingredients** : No Products were found

**SARA 304 RQ** : Not Applicable

**SARA311/312 Classification** : Not Applicable

**Composition/Information on Ingredients** : No Products were found

SARA 313	Product Name	CAS Number	%
<b>Form R - Reporting Requirements</b>	Silver	7440-22-4	0.1 - 10
<b>Supplier Notification</b>	Silver	744-22-4	0.1 - 10

SARA 313 Notification must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### State Regulations

**Massachusetts** : The following components are listed: TIN; SILVER

**New York** : The following components are listed: SILVER

**New Jersey** : The following components are listed: TIN; SILVER

**Pennsylvania** : The following components are listed: TIN; SILVER

### International Regulations

**Chemical Weapon Convention List Schedules I, II & III Chemicals** : Not Listed

**Montreal Protocol (Annexes A, B,C,E)** : Not Listed

**Stockholm Convention on Persistent Organic Pollutants** : Not Listed

**Rotterdam Convention on Prior Inform Consent (PIC)** : Not Listed

**UNECE Aarhus Protocol on POPs and Heavy Metals** : Not Listed



**International Lists****National Inventory**

<b>Australia</b>	: All components are listed or exempted
<b>Canada</b>	: All components are listed or exempted
<b>China</b>	: All components are listed or exempted
<b>Europe</b>	: All components are listed or exempted
<b>Japan</b>	: Japan Inventory (ENCS) and (ISHL): Not Determined
<b>Malaysia</b>	: Not determined
<b>New Zealand</b>	: All components are listed or exempted
<b>Philippines</b>	: All components are listed or exempted
<b>Republic of Korea</b>	: All components are listed or exempted
<b>Taiwan</b>	: All components are listed or exempted

**SECTION 16: Other Information****Hazardous Material Information System (U.S.A.)**

Health	0
Flammability	0
Physical hazards	0

**Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.**

**National Fire Protection Association (U.S.A.)**

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Copyright 2001, National Fire protection Association, Quincy MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA49 and NFPA325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

**HISTORY**

Date of printing : 02/03/2020

Date of revision : 02/03/2020

Date of previous issue : NA

Version : 1.00

Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bio concentration Factor  
GHS = Globally Harmonized System of Classification and Labeling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = Logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution from Ships, 1973 as modified by Protocol of 1978 ("Marpol" = marine pollution)  
UN = United Nations

References : Not Available

**Notice to Reader**

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