

# **ALUMINUM METALLIC POWDER(ATOMIZED)SPHERICAL**

## **MSDS Number**

BBDDL

## **National Stock Number**

6810-00D000687

## **Product Name**

ALUMINUM METALLIC POWDER(ATOMIZED)SPHERICAL

## **Manufacturer**

VALIMET INC

## **Product Identification**

Product ID:ALUMINUM METALLIC POWDER(ATOMIZED)SPHERICAL

MSDS Date:01/01/1987

FSC:6810

NIIN:00D000687

MSDS Number: BBDDL

## **Responsible Party**

VALIMET,INC

Emergency Phone: (209) 982-4870

Cage: EO016

## **Contractor**

VALIMET,INC

STOCKTON, CA 95206

US

209-982-4870

Cage: EO016

## **Ingredients**

ALUMINUM (SARA III)

CAS: 7429-90-5

RTECS: BD0330000

Fraction By Weight: 100%

OSHA PEL15MG/M3 DUST/5 FUME

ACGIH TLV: 10MG/M3 DUST; 9192

## **Hazards**

Effects of Overexposure:INH:FINELY DIVIDED ALUMINUM MAY CAUSE PULMONARY FIBROSIS;EYES:DUST PARTICLES CAUSE IRRITATION

## **First Aid**

First Aid:EYES:WASH WITH ACCEPTED OPHTHALMOLIC SOLUTION;INHALATION:REMOVE TO FRESH AIR.GET MED ATTN;SKIN:FLUSH IMMEDIATELY WITH RUNNING WATER & GET MED ATTN.

## **Fire Fighting**

Flash Point:NONE

Extinguishing Media:USE TYPE D-SPECIAL DRY POWDER; DO NOT USE WATER.

Fire Fighting Procedures:AVOID WTR,HALO-CARBONS.COVER TO ELIMINATE OXYGEN.AVOID DUST

Unusual Fire/Explosion Hazard:EMIT H\*2 W/H\*2O,ALKALI/ACIDS.DUST-AIR MIXTURE MAY EXPLODE VIOLENTLY IF IGNITED.HIGH HEAT BE AVOIDED.

## Accidental Release

Spill Release Procedures:ELIMINATE IGNITION SOURCES.USE 3M TYPE 8710 RESP & GLOVES.STOP LEAK & RE-SEAL CONTAINER-SWEEP UP SPILLED MATERIAL TAKING CARE TO AVOID DUST CLOUDS & SPARKS.PLACE IN COVERED DRUMS;DURING SWEEP MIX WITH SAND.

## Handling

Handling and Storage Precautions:DO NOT STORE IN AREAS PROTECTED BY AUTOMATIC SPRINKLER.DO NOT STORE WITH OXIDIZERS.ALL ELECTRICAL EQUIPMENTS USED IN STORAGE MUST BE EXPLOSION-PROOF.  
Other Precautions:AVOID DUST.USE NON-SPARKING TOOLS.PROPER GROUNDING OF EQUIPMENT IS ESSENTIAL.AVOID STATIC BUILD-UP & DISCHARGE.NO SMOKING.AVOID CONTACT W/WATER.AVOID CONTACT W/HALOGENATED HYDROCARBONS.

## Exposure Controls

Respiratory Protection:NUISANCE DUST MASK,3M TYPE 8710 OR EQUIVALENT  
Ventilation:EXPLOSION-PROOF  
Protective Gloves:CONDUCTIV/IMPRV  
Eye Protection:SAFETY/CHEM GOGGLES  
Supplemental Safety and Health  
MSDS FM VALIMET,DTD:8/85;MFR STATED 8/28/87 ITEM MFRD IS ATOMIZED POWDER(SPHERICAL),UNCOATED.SUPPLIED TO DOD UNDER NO NSN(MIPR) BUT STRICTLY I/A/W MIL-A-23950;\*SEE DGSC-SLM CASE HISTORY 87252H

## Chemical Properties

HCC:R2  
Boiling Pt:B.P. Text:4436F/2452C  
Spec Gravity:2.7  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:GRAYISH METAL POWDER,ODORLESS.

## Stability

Stability Indicator/Materials to Avoid:YES  
WATER,OXIDIZING AGENTS,ACIDS  
Stability Condition to Avoid:STATIC DISCHARGE,SPARKS,MIOSTURE  
Hazardous Decomposition Products:EMITS HYDROGEN WHEN IN CONTACT W/WATER.

## Disposal

Waste Disposal Methods:DISPOSE OF IN SAFE,APPROVED AREA I/A/W FEDERAL,STATE & LOCAL REGULATIONS.

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