



LENO

MATERIAL SAFETY DATA SHEET

ALADDIN 3in1 Rod

DATE REVISED: May 1, 2006

Product Name: Aladdin 3in1 Rod

Manufacturer: Aladdin Welding Products, Inc.

1300 Burton St. SE Grand Rapids, MI 49507

To the Purchaser: This MSDS contains important environmental, health, and toxicology information for your employees who have ordered this product. Please be sure this information is given to them. If you resell this product, a copy of the MSDS should be given to the buyer.

SECTION I - IDENTIFICATION

Brand Name: Aladdin 3in1 Rod

Chemical Family: Zinc Base Alloys

Chemical Name: Zamak #2, ASTM B86-AC43A **Formula:** See Below

SECTION II - COMPOSITION INFORMATION

<u>Components</u>	<u>CAS Number</u>	<u>%</u>
Zinc	7440666	93.0
Aluminum	7429905	4.0
Copper	7440508	3.0
Magnesium	7439954	0.050

SECTION III - PHYSICAL DATA

Melting Point: 419°C

Boiling Point: 900°C

Vapor Pressure: N/A

Solubility in Water: Insoluble

Appearance and Odor: Silver in Color & No Odor

Specific Gravity(H₂O=1): 7.0

Percent Volatile by Volume(%): N/A

Evaporation Rate: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA

Flammable Limits: NA

Extinguishing Media: Low Pressure CO₂ Metal-X Powder

Special Fire Fighting Procedures: Cover with sand

Unusual Fire and Explosion Hazards: Flame will trace fine dust. Dust in certain concentrations can be explosive. Products of combustion are metal oxides.



MATERIAL SAFETY DATA SHEET

ALADDIN 3in1 Rod

SECTION V – HEALTH HAZARD DATA

Threshold Limit Value: Zinc Oxide fume is 8 Hr.TWA of 5.0 mg/m; STEL of 10.0 mg/m

Route of Entry: Inhalation-Yes, Skin-No, Ingestion-No

Emergency and First Aid Procedures: Fresh Air & Appropriate First Aid

SECTION VI – REACTIVITY DATA

Stability: Stable

Incompatibility(materials to Avoid): Strong Acids, Strong Alkalis

SECTION VII – SPILL or LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Regulatory statutes address zinc spillage in any Form and Quantity.

Waste Disposal Methods: Zinc waste should be disposed of according to existing State & Federal Regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Dust Mask, Fume or High Efficiency Particulate Respirator

Protective Gloves: N/A

Eye Protection: Safety Goggles

Other Protective Equipment: N/A

SECTION IX – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Keep Dry during storage

Disclaimer: Judgments as to the suitability of information herein or the purchaser's purposes are necessarily the purchaser's responsibility. Reasonable care has been taken in the preparation of this material, but there are NO WARRANTIES, NO REPRESENTATIONS, AND NO RESPONSIBILITY AS TO THE ACCURACY OR THE SUITABILITY OF THIS INFORMATION FOR ANY PURCHASER'S USE OR FOR ANY CONSEQUENCE TO USE.