

Section 1: Product and Company Identification

<i>Product Identifier:</i>	Magic Metal Epoxy Stick
<i>Product Use:</i>	Metallic resin that hardens into a tough alloy without heat for quick repairs.
<i>Item Code:</i>	8001
<i>Supplier Name:</i>	PowerWeld Inc.
<i>Supplier Address:</i>	2501 Beech Street Valparaiso, IN 46383
<i>Supplier Web Address:</i>	www.powerweldinc.com
<i>Supplier Phone:</i>	219-462-8700 1-800-826-9073
<i>Manufacturer:</i>	Selectrode Industries, Inc.
<i>Manufacturer Address:</i>	230 Broadway Huntington Station, NY 11746
<i>Manufacturer Web Address:</i>	www.selectrode.com
<i>Manufacturer Phone:</i>	1-631-547-5470
<i>Emergency Phone:</i>	CHEMTREC (24-hour) 1-800-424-9300
<i>Prepared By:</i>	PowerWeld Inc.
<i>Preparation Date:</i>	22 September 2016

Section 2: Hazard Identification

<i>Classification:</i>	Skin irritation	Category 2
	Eye irritation	Category 2A
	Skin sensitization	Category 1
	Hazardous to the aquatic environment – long term hazard	Category 2
<i>Label Elements:</i>	Warning	



Hazard Statements

- H315 Causes skin irritation.
- H317 May cause allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash skin and hair thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear gloves/eye protection/face protection.
- P302+ IF ON SKIN:
- P352 Wash with plenty of soap and water.
- P305+ IF IN EYES:

- P351+ Rinse cautiously with water for several minutes.
- P338 Remove contact lenses, if present and easy to do. Continue rinsing.
- P332+ If skin irritation occurs:
- P313 Get medical advice/attention.
- P333+ If skin irritation or rash occurs:
- P313 Get medical advice/attention.
- P337+ If eye irritation persists:
- P313 Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.
- P363 Wash contaminated clothing before reuse.
- P391 Collect spillage.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3: Composition/Information on Hazardous Ingredients

HAZARDOUS INGREDIENTS	CAS NUMBER	APPROXIMATE CONCENTRATION (%)
Glycidyl ethers of bisphenol A resins	25068-38-6	5 – 10
Diglycidyl ethers of bisphenol A resins	028064-14-4	1 – 5
Tri(dimethylaminomethyl) phenol	90-72-2	0.5 – 1.5

Section 4: First-aid Measures

- Inhalation:* Move from the area that has any fumes to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and transport to nearest medical facility for additional treatment.
- Ingestion:* Rinse mouth completely and seek medical assistance immediately.
- Eye Contact:* Immediately flush upper and lower eyelids with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Rest eyes for 30 minutes. If redness, burning, blurred vision or swelling persists, visit nearest medical facility for additional treatment.
- Skin Contact:* Flush with large amounts of water and soap. Obtain medical assistance if rash or irritation develops.
- Symptoms:* Treat symptomatically.

NOTE: In all severe cases, contact physician immediately. Local telephone operators can provide number of regional poison control centre.

Section 5: Fire-fighting Measures

- Flammable:* Not flammable
- Means of Extinction:* Use extinguishing method most appropriate for surrounding fire (water spray, foam, CO₂ or dry chemical).
- Auto-ignition Temperature:* Not applicable
- Hazardous Combustion Products:* Reaction with strong reducing agents such as metal hydrides, acetic anhydride or alkali metals will generate hydrogen gas which could create an explosive hazard.
- Explosion Data Sensitivity to Mechanical Impact:* Not applicable
- Explosion Data Sensitivity to Static Discharge:* Not applicable
- Special Equipment:* See below

Precautions for Fire Fighters:

In the event of fire, wear self-contained breathing apparatus and full protective gear.

Section 6: Accidental Release Measures

Protective Equipment:

See Section 8

Emergency Procedures:

See Section 13

Leak or Spill Procedure:

Discarded product can be picked up and placed into a container. Wear proper protective equipment while handling these materials. Discard in accordance with relevant legislation.

Section 7: Handling and Storage

Handling Procedures and Equipment:

Avoid contact with eyes. Avoid breathing dust. Avoid prolonged or repeated contact with skin. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Avoid contact of spilled material and runoff with soil and surface waterways.

Storage Requirements:

Store in a cool, dry and low humid location. Ensure proper ventilation. Storage temperature is < 90°F (32°C).

Incompatibilities:

Oxidizing agents; reaction with strong reducing agents such as metal hydrides, acetic anhydride or alkali metals will generate hydrogen gas which could create an explosive hazard.

Section 8: Exposure Controls/Personal Protection

Exposure Limits:

HAZARDOUS INGREDIENTS	CAS NUMBER	ACGIH TLV	OSHA PEL
Glycidyl ethers of bisphenol A resins	25068-38-6	-	-
Diglycidyl ethers of bisphenol A resins	028064-14-4	-	-
Tri(dimethylaminomethyl) phenol	90-72-2	-	5 ppm

Engineering Controls:

Ensure proper ventilation and respiratory protection is used when welding, brazing or processing. Respiratory protection is recommended and information may be found regarding the OSHA STANDARDS (29 CRF 1910.134), as well as CSA Standards Z94.4, along with many other safety standards.

Personal Protective Equipment:

Use an air purifying dust respirator when welding or brazing in a confined space, or when local exhaust or ventilation is not sufficient to keep exposure values within safe limits. Wear appropriate gloves to prevent skin contact. Do not eat or drink while using these products and wash hands thoroughly after use.

Section 9: Physical and Chemical Properties

Physical State:

Putty (solid)

Odour and Appearance:

Sulphur smell and bronze in colour

Odour Threshold (ppm):

Not available

pH:

> 7.0

Melting Point:

Not available

Freezing Point:

Not available

Boiling Point:

Not available

Flashpoint:

Not available

Upper Flammable Limit (% by volume): Not available
Lower Flammable Limit (% by volume): Not available

Section 10: Stability and Reactivity

Chemical Stability: Stable under normal conditions
Possible Hazardous Reactions: Contact with chemical substances like acids or strong bases causes generation of gas.
Conditions to Avoid: Not applicable
Materials to Avoid (Incompatibilities): Oxidizing agents; reaction with strong reducing agents such as metal hydrides, acetic anhydride or alkali metals will generate hydrogen gas which could create an explosive hazard.
Conditions of Reactivity: Avoid contact with chemical substances.
Hazardous Decomposition By-Products: When this product is used in a welding process, hazardous decomposition products would include those from volatilization, reaction or oxidation of the material listed in Section 3 and those from the base metal and coating. Air contaminants around the welding area can be affected by the welding process and influence the composition and quality of fumes and gases produced.
Hazardous Polymerization: Not applicable

Section 11: Toxicological Information

Skin Contact: Causes skin irritation. May cause allergic skin reaction.
Skin Absorption: Not applicable
Eye Contact: Causes serious eye irritation.
Inhalation: Inhalation is the most likely route of exposure; refer to "Effects of Acute Exposure" and "Effects of Chronic Exposure" below.
Ingestion: Harmful if ingested.
Effects of Acute Exposure: Overexposure or inhalation of large amounts of welding fumes may cause symptoms such as metal fume fever, dizziness, nausea, dryness and irritation of your nose, throat or eyes as well as lung disease.
Effects of Chronic Exposure: Overexposure or prolonged inhalation of large amounts of welding fumes symptoms may include damage to the central nervous system, respiratory system, skin and could affect organs such as pancreas and liver.
Irritancy of Product: Not available
Sensitization to Product: Not available
Carcinogenicity: Not available
Reproductive Effects: Not available
Respiratory Sensitization: Not available
Toxicological Data:
Glycidyl ethers of bisphenol A resins
Oral, rat – 5000 mg/kg (LD50)
Skin, rabbit – 20000 mg/kg (LC50)
Diglycidyl ethers of bisphenol A resins
Oral, rat – 5000 mg/kg (LD50)
Skin, rabbit – 20000 mg/kg (LC50)
Tri(dimethylaminomethyl) phenol
Oral, rat – 1200 mg/kg (LD50)
Dermal, rabbit – 1280 mg/kg (LD50)

Section 12: Ecological Information

No data available

Section 13: Disposal Considerations

NOTE: Always dispose of waste in accordance with local, provincial and federal regulations.

Safe Handling:

Gloves can be worn while handling discarded or unwanted product.

Methods of Disposal:

Do not allow to enter drains, sewers or watercourses. Discard any unwanted product, residues, containers, or liners in a suitable disposal container in an environmentally acceptable manner, as required by relevant legislation.

Section 14: Transportation Information

This material is not considered as a dangerous good per transportation regulations.

Section 15: Regulatory Information

California Proposition 65:

This product contains or produces a chemical(s) known to the State of California to cause cancer and/or birth defects (or other reproductive harm).

Section 16: Other Information

Preparation Date:

22 September 2016

Date of Last Revision:

22 September 2016

This SDS format is in accordance with GHS. PowerWeld Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Product use and conditions of use are beyond the control of PowerWeld. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, expressed or implied, are made.