



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 PRODUCT NAME

Magic Metal: 8200

1.2 MANUFACTURER

Selectrode Industries, Inc.
230 Broadway
Huntington Station, NY 11746 U.S.A.
Phone: 631-547-5470
Fax: 631-547-5475
E-mail: info@selectrode.com

1.3 EMERGENCY TELEPHONE NUMBER: 631-547-5470

2. COMPOSITION / INFORMATION ON INGREDIENT

Hazardous ingredients:

Important: This section covers the materials of which the products are manufactured. The fumes and gases produced during normal use of this product are covered in Section 3. The term "Hazardous" in "Hazardous Material" should be interpreted as a term required and defined in OSHA Hazard Communication Standard 29CFR 1910-1200 and it does not necessarily imply the existence of hazard. The chemicals or compounds reportable by Section 313 of SARA are marked by the symbol #.

INGREDIENTS	CAS#	% RANGE	TSCA	HMIS Health	Fire	Reactivity	PPI
Glycidyl ethers of bisphenol A resins	25068-38-6	5.0-10.0	Y	2	1	0	B
Diglycidyl ethers of bisphenol A resins	028064-14-4	1.0-5.0	Y	1	1	0	B
Tri(dimethylaminomethyl)phenol	90-72-2	0.5-1.5	Y	3	1	1	D

***ALL Ingredients in this product are listed in the T.S.C.A Inventory

3. HAZARD IDENTIFICATION

Effects of acute exposure:

	Route(s) of entry	Species	Exposure and Dose
Glycidyl ethers of bisphenol A resins	Oral	Rat, Adult	LD50 5000. mg/kg
	Skin	Rabbit, Adult	LD50 20000. mg/kg
Diglycidyl ethers of bisphenol A resins	Oral	Rat, Adult	LD50 5000. mg/kg
	Skin	Rabbit, Adult	LD50 20000. mg/kg
Tri(dimethylaminomethyl)phenol	Oral	Rat, Adult	LD50 1630. mg/kg



Effects of chronic exposure: Refer to section 11 for specific toxicological information.

4. FIRST AID MEASURES

- Inhalation:** Remove victim to fresh air if effects occur.
- Skin:** Wash off with soap and plenty of water.
- Eyes:** Irrigate with water for several minutes. Consult a physician.
- Ingestion:** Seek medical advice.
- Note:** Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

- Flammability Class** III B
- Flash Range** none
Tag Open Cup
- Explosive Range** none
none

Extinguishing Method: Water spray, foam, CO₂, dry chemicals

Unusual Hazards: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self contained breathing apparatus (SCBA) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken: Spills or leaks: Dispose of in normal manner.

7. HANDLING AND STORAGE

7.1 HANDLING

With standard transportation equipment. Follow good manufacturing and handling practices.

Personal Hygiene: Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities, Wash contaminated goggles, face shields, and gloves. Professionally launder contaminated clothing before use.

Empty Container Precautions: **ATTENTION: This container can be hazardous when empty.** Follow label cautions even after the container is empty since empty containers could retain product residues. Do not re-use empty containers for food, clothing, or products for human or animal consumption, or where skin contact can occur.



7.2 STORAGE

Store in a cool, dry well ventilated area.
Storage Temperature: < 90°F (32°C)

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits:

	ACGIH TLV	ACGIN TLV-C	ACGIH STEL	OSHA STEL	ASHA PEL
Glycidyl ethers of bisphenol A resins	N/est	N/est	N/est	N/est	N/est
Diglycidyl ethers of bisphenol A resins	N/est	N/est	N/est	N/est	N/est
Tri(dimethylaminomethyl)phenol	5.00 PPM	N/est	N/est	N/est	N/est

Protective Equipment Types:

Eyes: Safety glasses or goggles
Respiratory: None required unless sanding or abrading
Gloves: Appropriate impervious gloves. Because a variety of protective gloves exist, consult a glove manufacturer to determine the proper type for a specific operation.
Other: None required

Ventilation:

General Mechanical: None required
Local Exhaust: Used to keep exposures below recommendations. Use if material is heated above 100°F (38° C)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: putty
Odor: Sulphur, Mercaptan
Appearance/Color: Bronze
pH: >7.0
Boiling point: N/A
Melting point: N/A
Evaporation Rate: N/A non Volatile
Vapor Density: Non Volatile
% Volatile Weight: 0.0%
% Volatile <1.0%
VOC: <1.0 %
Molecular Weight
Heavy Elements (ppm): 0.0
Specific Gravity 1.96
Solubility: insoluble in water

10. STABILITY AND REACTIVITY

STABILITY: This product is stable.



Hazardous Polymerization: Hazardous Polymerization will not occur

Incompatibility: None

Conditions to avoid: Not applicable.

Materials to avoid: None

Hazardous decomposition products: CO₂, aldehydes, acids, oxides of sulphur and nitrogen.

11. TOXICOLOGICAL INFORMATION

Effects of acute exposure

Toxicity to animals: Unknown

Local effects: Not applicable.

Inhalation: Not applicable for the product.

Ingestion: Irritation of intestinal tract

Contact with skin: Possible irritant and sensitizer

Contact with eyes: Possible irritant and sensitizer

12. ECOLOGICAL INFORMATION

About product: data are unknown

About ingredients: data are unknown.

13. DISPOSAL CONSIDERATIONS

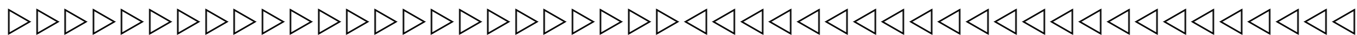
Waste Disposal Method: Incinerate in furnace or bury in landfill in accordance with all applicable regulations; not a hazardous waste.

14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS:

Land shipment: no hazard

- Rail / route (RID/ADR):



Sea shipment: no hazard

Shipment by air: no hazard

15. REGULATORY INFORMATION

Right to Know: The non-hazardous ingredients in this product subject to the Pennsylvania, New Jersey, and/or Massachusetts Right-to-Know laws are:

CAS	Name
14807-96-6	Magnesium Silicate Hydrate
Trade Secret	Polyether Polymercaptan
65997-17-3	Sodium Calcium Magnesium Silicate
7440-50-8	Copper

16. OTHER INFORMATION

The information in this document is believed to be correct as of the date issued. However, no warranty is expressed to be implied regarding the accuracy or completeness of this information. This information and product are furnished on the condition that the person receiving them shall make his own determinations as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.

This Material Safety Data Sheet complies with the EC directives 91/155/EEC and 93/112/EEC including modifications 2001/58/EC.

Complies with OSHA Communication Standard 29 CFR 1910.1200 and Superfund Amendments and Reauthorization Act (SARA) of 1986 Public Law 99-499

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