

# Safety Data Sheet: MEGA STICK

Supersedes Date 05/18/2011

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** MEGA STICK

**Recommended use** Epoxy resin

**Information on Manufacturer**

Mega Metals,Partsmaster,Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

**Product Code** 5974

**Chemical nature** Epoxy

**Emergency Telephone Number**

CHEMTREC® 800-424-9300

## 2. HAZARD IDENTIFICATION

**Color** Gray - black

**Physical State** Solid

**Odor** Sulfurous

**GHS**

**Classification**

Physical Hazards

None

Health Hazard

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Skin Sensitization

Carcinogenicity

Other hazards

None

Category 2

Category 2B

Category 1

Category 1A

**Labeling**

Signal Word

**DANGER**



Hazard Statements

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H320 - Causes eye irritation

H350 - May cause cancer

Precautionary Statements

P202 - Do not handle until all safety precautions have been read and understood

P280 - Wear protective gloves, protective clothing and eye protection.

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P302+ P352 - IF ON SKIN: Wash with plenty of soap and water

P332 + P313 - If skin irritation occurs, get medical attention.

P362 - Take off contaminated clothing and wash before reuse

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists, get medical attention.

P501 - Dispose of contents and container in accordance with applicable regulations.

13 % of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Bisphenol A - Epichlorohydrin polymer	25068-38-6	10-30
Crystalline Silica (Quartz)	14808-60-7	0.1-1

## 4. FIRST AID MEASURES

**General advice**

Avoid contact with skin, eyes and clothing.

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

**Skin Contact**

Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

**Inhalation**

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

**Ingestion**

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

**Notes to physician** Rinse mouth.  
May cause sensitization of susceptible persons.

### 5. FIRE-FIGHTING MEASURES

**Flash Point** Does not flash  
**Flammability Limits in Air %** No information available.  
**Suitable Extinguishing Media** Foam. Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific hazards arising from the chemical**  
None known.

#### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NFPA** Health 1  
**HMIS** Health 1  
**Flammability** 0  
**Instability** 0

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions** Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so.  
**Environmental Precautions** Do not flush into surface water or sanitary sewer system.  
**Methods for Containment** Cover powder spill with plastic sheet or tarp to minimize spreading.  
**Methods for Cleaning Up** Pick up and arrange disposal without creating dust.  
**Neutralizing Agent** Not applicable.

### 7. HANDLING AND STORAGE

**Handling** Avoid contact with skin, eyes and clothing.  
**Storage** Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.  
**Storage Temperature** **Minimum** 38 °F / 3 °C **Maximum** 90 °F / 32 °C  
**Storage Conditions** **Indoor** X **Outdoor** **Heated** **Refrigerated**

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Bisphenol A - Epichlorohydrin polymer	No data available	No data available	No data available
Crystalline Silica (Quartz)	: 0.025 mg/m <sup>3</sup> TWA (respirable fraction)	No data available	IDLH: 50 mg/m <sup>3</sup> TWA: 0.05 mg/m <sup>3</sup>

**Engineering Measures** Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

#### Personal Protective Equipment

**Eye/Face Protection** Safety glasses with side-shields.  
**Skin Protection** Wear suitable protective clothing, Impervious gloves.  
**Respiratory Protection** In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### General Hygiene Considerations

Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State** Solid  
**Color** Gray - black  
**Odor Threshold** Not applicable  
**pH** Not applicable  
**Evaporation Rate** <1 (Butyl acetate=1)  
**VOC Content (%)** 0  
**Vapor Pressure** <0.1 mmHg @ 70°F  
**Solubility** Insoluble  
**Melting Point/Range** No data available  
**Boiling Point/Range** No information available  
**Flash Point** Does not flash  
**Autoignition Temperature** No information available.  
**Flammability Limits in Air %** No information available.

**Viscosity** Paste  
**Odor** Sulfurous  
**Appearance** Opaque  
**Specific Gravity** 2.25  
**Percent Volatile (Volume)** 0  
**VOC Content (g/L)** 0  
**Vapor Density** Not applicable  
**n-Octanol/Water Partition** No data available  
**Decomposition Temperature** >220 °C  
**Flammability (solid, gas)** No data available  
**Method** Not applicable

**Upper** No data available **Lower** No data available

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable. Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	None known
<b>Incompatible Products</b>	None known
<b>Decomposition Temperature</b>	>220 °C
<b>Hazardous Decomposition Products</b>	None under normal use
<b>Possibility of Hazardous Reactions</b>	None under normal processing

## 11. TOXICOLOGICAL INFORMATION

## Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

<b>Oral LD50</b>	1,000.00
<b>Dermal LD50</b>	1,280.00
<b>Inhalation LC50</b>	
<b>Gas</b>	No information available
<b>Mist</b>	No information available
<b>Vapor</b>	No information available

<b>Principle Route of Exposure</b>	Skin contact, Eye contact.
<b>Primary Routes of Entry</b>	Skin Absorption
<b>Acute Effects</b>	
<b>Eyes</b>	Causes eye irritation.
<b>Skin</b>	Causes skin irritation. May cause allergic skin reaction.
<b>Inhalation</b>	Low hazard for usual industrial or commercial handling.
<b>Ingestion</b>	Low hazard for usual industrial or commercial handling.
<b>Chronic Toxicity</b>	May cause sensitization by skin contact. Contains a known or suspected carcinogen.
<b>Target Organ Effects</b>	Eyes, Respiratory system, Kidney, Immune system.
<b>Aggravated Medical Conditions</b>	Skin disorders

## Component Information

**Acute Toxicity** None known

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Bisphenol A - Epichlorohydrin polymer	= 11400 mg/kg ( Rat )	no data available	no data available	no data available	no data available
Crystalline Silica (Quartz)	= 500 mg/kg ( Rat )	no data available	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Bisphenol A - Epichlorohydrin polymer	no data available	Skin sensitization	no data available	no data available	immune system
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	eyes, respiratory system (in animals: lung cancer), kidneys

**Carcinogenicity** There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Bisphenol A - Epichlorohydrin polymer	not applicable	not applicable	not applicable	not applicable	not applicable
Crystalline Silica (Quartz)	A2	Group 1	Known	X	not applicable

## 12. ECOLOGICAL INFORMATION

Product Information No information available.

## Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Bisphenol A - Epichlorohydrin polymer	no data available	no data available	no data available	no data available	N/A
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	N/A

**Persistence and Degradability** No information available.

**Bioaccumulation** No information available.

**Mobility** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal** Dispose of in accordance with local regulations.  
**Container Disposal** Empty containers should be taken for local recycling, recovery, or waste disposal.

#### 14. TRANSPORT INFORMATION

**DOT** Not regulated  
**TDG** Not regulated  
**ICAO** Not regulated  
**IATA** Not regulated  
**IMDG/IMO** Not regulated

#### 15. REGULATORY INFORMATION

**Inventories**  
**TSCA** Complies  
**DSL** Complies  
**U.S. Federal Regulations**

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

#### CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Bisphenol A - Epichlorohydrin polymer	Not applicable	Not applicable
Crystalline Silica (Quartz)	Not applicable	Not applicable

#### U.S. State Regulations

**California Proposition 65** This product contains the following Proposition 65 chemicals

Component	CAS-No	California Prop. 65
Crystalline Silica (Quartz)	14808-60-7	carcinogen
Carbon black	1333-86-4	carcinogen

#### 16. OTHER INFORMATION

**Prepared By** Devon Kebodeaux  
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**Reason for Revision** No information available.  
**Glossary** No information available.  
**List of References.** No information available.

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