

Safety Data Sheet: MEGA-THERM STICK

Supersedes Date 11/04/2004

Issuing Date 04/10/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA-THERM 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 22100600
Chemical nature Epoxy
Emergency Telephone Number
CHEMTREC® 800-424-9300

2. HAZARD IDENTIFICATION

Color gray

Physical State Paste

Odor Sulfurous

GHS

Classification

Physical Hazards

None

Health Hazard

Skin Corrosion/Irritation
Serious Eye Damage/Eye Irritation
Skin Sensitization
Carcinogenicity

Category 2
Category 2
Category 1
Category 1A

Other hazards

None

Labeling

Signal Word

DANGER



Hazard Statements

H319 - Causes serious eye irritation
H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H350 - May cause cancer

Precautionary Statements

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P261 - Avoid breathing dust or mist.
P281 - Use personal protective equipment as required
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace
P362 - Take off contaminated clothing and wash before reuse
P308 + P313 - IF exposed or concerned, get medical attention
P321 - Specific treatment (see supplemental first aid instructions on this label)
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P333 + P313 - If skin irritation or rash occurs, get medical attention
P363 - Wash contaminated clothing 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.
P273 - Avoid release to the environment
P405 - Store locked up
P501 - Dispose of contents and container to an approved waste disposal plant.

39.01 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Talc, respirable dust	14807-96-6	30-60
Bisphenol A - Epichlorohydrin polymer	25068-38-6	10-30
Calcium carbonate	471-34-1	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	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Skin Contact	Wash affected areas with large amounts of soap and water. Remove contaminated clothing and shoes. Seek medical attention if irritation persists. Wash clothing and clean shoes before re-use. Get medical attention if irritation develops and persists.
Inhalation	Move to fresh air in case of accidental inhalation of vapours or decomposition products. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
Ingestion	Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Rinse mouth with water.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	> 201 °F / > 94 °C	Method	Estimated	Lower	No data available
Upper	No data available				
Suitable Extinguishing Media	Carbon dioxide (CO ₂). Foam. Dry chemical. Water spray.				
Specific hazards arising from the chemical	The product causes burns of eyes, skin and mucous membranes				
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 2	Flammability 1	Instability 0	Other 0	
HMIS	Health 2	Flammability 1	Instability 0		

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with the skin and the eyes. Use personal protective equipment.
Environmental Precautions	Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.
Methods for Containment	Shovel into a dry metal container.
Methods for Cleaning Up	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Clean contaminated surface thoroughly.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing. Do not re-use empty containers. Keep away from clothing and other combustible materials. Wear personal protective equipment. Ensure adequate ventilation.			
Storage	Store in original container. Keep container tightly closed in a dry and well-ventilated place. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in a bunded area.			
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
Talc, respirable dust	TWA: 2 mg/m ³	No data available	1000 mg/m ³ TWA: 2 mg/m ³
Bisphenol A - Epichlorohydrin polymer	No data available	No data available	No data available
Calcium carbonate	No data available	TWA: 15 mg/m ³ TWA: 5 mg/m ³	TWA: 10 mg/m ³ TWA: 5 mg/m ³
Crystalline Silica (Quartz)	: 0.025 mg/m ³ TWA (respirable fraction)	No data available	50 mg/m ³ respirable dust TWA: 0.05 mg/m ³

Engineering Measures	Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

Respiratory Protection
General Hygiene Considerations

In case of inadequate ventilation wear respiratory protection.
 When using, do not eat, drink, or smoke. Remove and wash contaminated clothing before re-use.
 Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste	Viscosity	Not applicable
Color	gray	Odor	Sulfurous
Odor Threshold	Not applicable	Appearance	Textured black paste
pH	Not applicable	Specific Gravity	1.946
Evaporation Rate	No data available	Percent Volatile (Volume)	No information available
VOC Content (%)	<.1	Vapor Pressure	Not applicable
Vapor Density	Not applicable	Solubility	Insoluble
n-Octanol/Water Partition	No data available	Melting Point/Range	No data available
Decomposition Temperature	No data available	Boiling Point/Range	Not applicable
Flammability (solid, gas)	No data available		
Flash Point	> 201 °F / > 94 °C	Method	Estimated
Autoignition Temperature	No information available.		
Upper	No data available		
Lower	No data available		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Conditions to Avoid	None known
Incompatible Products	None known
Hazardous Decomposition Products	Oxides of Carbon, Nitrogen, and Sulfur, Aldehydes.
Possibility of Hazardous Reactions	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):

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure Skin contact, Eye contact, Inhalation.
Primary Routes of Entry Skin Absorption

Acute Effects

Eyes May cause eye irritation.
Skin May cause skin irritation.

Inhalation (Mist). May cause irritation of respiratory tract.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity

Prolonged or repeated inhalation may cause damage to the lungs. Prolonged skin contact may defat the skin and produce dermatitis.

Target Organ Effects

Respiratory system, Central Vascular System.

Aggravated Medical Conditions

Skin disorders

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Talc, respirable dust	no data available	no data available	no data available	no data available	no data available
Bisphenol A - Epichlorohydrin polymer	= 11400 mg/kg (Rat)	no data available	no data available	no data available	no data available
Calcium carbonate	= 6450 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
Talc, respirable dust	no data available	no data available	no data available	no data available	CVS,eyes,respiratory system
Bisphenol A - Epichlorohydrin polymer	no data available	Skin sensitization	no data available	no data available	immune system
Calcium carbonate	no data available	no data available	no data available	no data available	eyes,respiratory system,skin
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	eyes, respiratory system (in animals: lung cancer), kidneys

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Talc, respirable dust	not applicable	Group 3	not applicable	not applicable	not applicable
Bisphenol A - Epichlorohydrin polymer	not applicable				
Calcium carbonate	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
Talc, respirable dust	no data available	LC50 > 100 g/L Brachydanio rerio 96 h	no data available	no data available	N/A
Bisphenol A - Epichlorohydrin polymer	no data available	no data available	no data available	no data available	N/A
Calcium carbonate	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 contains a chemical or 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
Talc, respirable dust	Not applicable	Not applicable
Bisphenol A - Epichlorohydrin polymer	Not applicable	Not applicable
Calcium carbonate	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

16. OTHER INFORMATION

Prepared By	Christopher Drogin
Supersedes Date	11/04/2004
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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