

Safety Data Sheet: AQUA STICK

Supersedes Date 04/12/2010

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name AQUA 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 57200500
Chemical nature Phenolic resin
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
800-336-0450

2. HAZARD IDENTIFICATION

Color Off white

Physical State Solid

Odor Amine-like

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.
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
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
P362 - Take off contaminated clothing and wash before reuse
P333 + P313 - If skin irritation or rash occurs, get medical attention
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.
P405 - Store locked up
P501 - Dispose of contents and container to an approved waste disposal plant.

78 % 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
Fiberglass	65997-17-3	10-30
Bisphenol A - Epichlorohydrin polymer	25068-38-6	5-10
Titanium dioxide	13463-67-7	5-10

Triethylene tetramine	112-24-3	0.1-1
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 plenty of water.
Inhalation	Not hazardous by inhalation .
Ingestion	No hazards which require special first aid measures.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	201 °F / 94 °C	Method	Estimated
Upper	No data available		Lower No data available
Suitable Extinguishing Media	Foam. Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical. Water.		
Specific hazards arising from the chemical	The product causes irritation 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
HMIS	Health 2	Flammability 1	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with the skin and the eyes.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Pick up and arrange disposal without creating dust.
Methods for Cleaning Up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin, eyes and clothing.		
Storage	Keep away from open flames, hot surfaces and sources of ignition. Keep in a dry, cool and well-ventilated place.		
Storage Temperature	Minimum	No information available	Maximum <90 °F / 27 °C
Storage Conditions	Indoor	X	Outdoor Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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
Fiberglass	TWA: 1 fiber/cm ³ TWA: 5 mg/m ³	No data available	No data available
Bisphenol A - Epichlorohydrin polymer	No data available	No data available	No data available
Titanium dioxide	TWA: 10 mg/m ³	TWA: 15 mg/m ³	5000 mg/m ³
Triethylene tetramine	No data available	No data available	No data available
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	Not required.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	None required under normal conditions of use .
General Hygiene Considerations	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	Viscosity	Solid
Color	Off white	Odor	Amine-like
Odor Threshold	Not applicable	Appearance	Textured black paste
pH	Not applicable	Specific Gravity	1.972
Evaporation Rate	Not applicable	Percent Volatile (Volume)	No information available
VOC Content (%)	<0.1	Vapor Pressure	No information available
Vapor Density	No information available	Solubility	Negligible
n-Octanol/Water Partition	No data available	Melting Point/Range	No data available
Decomposition Temperature	No data available	Decomposition temperature °F	428
Decomposition temperature °C	220	Boiling Point/Range	446 °F / 230 °C
Flammability (solid, gas)	No data available	Method	Estimated
Flash Point	201 °F / 94 °C		
Autoignition Temperature	No information available.		
Upper No data available Lower	No data available		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	None known
Incompatible Products	None known > 428 °F
Hazardous Decomposition Products	Oxides of Carbon, Nitrogen, and Sulfur, Aldehydes.
Possibility of Hazardous Reactions	Hazardous polymerization does not occur

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	Eye contact, Inhalation, Skin contact.
Primary Routes of Entry	None known
Acute Effects	
Eyes	Moderately irritating to the eyes.
Skin	May cause skin irritation. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Inhalation	Not hazardous by inhalation.
Ingestion	Low hazard for usual industrial or commercial handling.
Chronic Toxicity	May cause sensitization by skin contact.
Target Organ Effects	No information available
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
Fiberglass	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
Titanium dioxide	> 10000 mg/kg (Rat)	no data available	no data available	no data available	no data available
Triethylene tetramine	= 2500 mg/kg (Rat)	= 550 mg/kg (Rabbit)	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
Fiberglass	no data available	no data available	no data available	no data available	no data available
Bisphenol A - Epichlorohydrin polymer	no data available	Skin sensitization	no data available	no data available	immune system
Titanium dioxide	no data available	no data available	no data available	no data available	respiratory system
Triethylene tetramine	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
Talc, respirable dust	not applicable	Group 3	not applicable	not applicable	not applicable
Fiberglass	not applicable	Group 3	not applicable	not applicable	not applicable
Bisphenol A - Epichlorohydrin polymer	not applicable	not applicable	not applicable	not applicable	not applicable
Titanium dioxide	A4	Group 2B	not applicable	X	not applicable
Triethylene tetramine	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
Talc, respirable dust	no data available	LC50 > 100 g/L Brachydanio rerio 96 h	no data available	no data available	N/A
Fiberglass	no data available	no data available	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
Titanium dioxide	no data available	no data available	no data available	no data available	N/A
Triethylene tetramine	EC50 = 2.5 mg/L Desmodesmus subspicatus 72 h EC50 = 20 mg/L Pseudokirchneriella subcapitata 72 h EC50 = 3.7 mg/L Pseudokirchneriella subcapitata 96 h	LC50 = 495 mg/L Pimephales promelas 96 h LC50 = 570 mg/L Poecilia reticulata 96 h	no data available	EC50 31.1 mg/L Daphnia magna 48 h	-1.4
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 all Federal, state, and local regulations. .

Container Disposal

Do not re-use empty containers.

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 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	Yes	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Talc, respirable dust	Not applicable	Not applicable
Fiberglass	Not applicable	Not applicable
Bisphenol A - Epichlorohydrin polymer	Not applicable	Not applicable
Titanium dioxide	Not applicable	Not applicable
Triethylene tetramine	Not applicable	Not applicable
Crystalline Silica (Quartz)	Not applicable	Not applicable

U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

Component	CAS-No	California Prop. 65
Titanium dioxide	13463-67-7	carcinogen
Crystalline Silica (Quartz)	14808-60-7	carcinogen
Methyl alcohol	67-56-1	developmental toxicity

16. OTHER INFORMATION

Prepared By	Christopher Drogin
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Reason for Revision	No information available.
Glossary	No information available.
List of References.	No information available.

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