

Safety Data Sheet MEGA TOP COAT H2O PART A – BASE

Supersedes Date Not applicable

Issuing Date 04/17/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA TOP COAT H2O PART A – BASE

Recommended use Multi-colored coatings

Information on Manufacturer

Mega Metals, Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

Product Code PMA57567

Chemical nature Epoxy resins

Emergency Telephone Number

CHEMTREC® 800-424-9300

Telephone inquiry

800-336-0450

2. HAZARD IDENTIFICATION

Color Gray Dark gray Red Brown

Physical state Liquid

Odor Slight

GHS

Classification

Physical Hazards

Health Hazard

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Skin sensitization

Carcinogenicity

Category 2

Category 2

Category 1B

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 vapor or mist.

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

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.

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.

P405 - Store locked up

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Diglycidyl ether of bisphenol A	25085-99-8	15-40
Glycidyl neodecanoate	26761-45-5	10-30
Crystalline silica	14808-60-7	10-30
Magnesium silicate, hydrate	14807-96-6	5-10
Isopropyl alcohol	67-63-0	5-10

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice	No information available.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point 201 °F / 94 °C	Method Tag closed cup
Upper: 12.7	Lower: 2.0
Suitable Extinguishing Media	
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
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, NOHSC (approved or equivalent) and full protective gear.	
NFPA	Health 2
HMIS	Health 2
	Flammability 1
	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation.
Environmental Precautions	Prevent further leakage or spillage if safe to do so.
Methods for Containment	No information available.
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	Ensure adequate ventilation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.
Storage Temperature	Minimum No information available
Storage Conditions	Indoor Outdoor Maximum Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Crystalline silica	TWA: 0.025 mg/m ³ respirable fraction	No data available	50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
Magnesium silicate, hydrate	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	No data available	1000 mg/m ³ TWA: 2 mg/m ³ respirable dust
Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm TWA: 980 mg/m ³	2000 ppm STEL 500 ppm STEL 1225 mg/m ³ TWA: 400 ppm TWA: 980 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	In case of insufficient ventilation wear suitable respiratory equipment.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Viscosity	No information available
Color	Gray Dark gray Red Brown	Odor	Slight
Odor Threshold	Not applicable	Appearance	Opaque
pH	Not applicable	Specific Gravity	1.4
Evaporation Rate	2.3 (BuAc = 1)	Percent Volatile (Volume)	No information available

VOC Content (%)	No information available.	VOC Content (g/L)	84 g/L (combined)
Vapor Pressure	No information available	Vapor Density	>1 (Air = 1.0)
Solubility	No information available.	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	180 °F / 82 °C	Flammability (solid, gas)	No data available
Flash Point	201 °F / 94 °C	Method	Tag closed cup
Autoignition Temperature	No information available.		
Upper: 12.7 Lower: 2.0			

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions.
Conditions to Avoid	None known.
Incompatible Products	No materials to be especially mentioned.
Decomposition Temperature	No data available
Hazardous Decomposition Products	None under normal use.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	2483
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	111.1

Principle Route of Exposure Inhalation.

Primary Routes of Entry Inhalation.

Acute Effects:

Eyes	May cause slight irritation.
Skin	Substance may cause slight skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity No information available.

Target Organ Effects No information available.

Aggravated Medical Conditions No information available.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Diglycidyl ether of bisphenol A 25085-99-8	= >15000 mg/kg (Rat)	= 23000 mg/kg (Rabbit)	No data available	No data available	No data available
Glycidyl neodecanoate 26761-45-5	> 2000 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 0.25 mg/L (Rat) 4 h	No data available	No data available
Crystalline silica 14808-60-7	= 500 mg/kg (Rat)	no data available	No data available	No data available	No data available
Isopropyl alcohol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h	No data available	No data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Crystalline silica 14808-60-7	No data available	No data available	No data available	No data available	Eyes; Respiratory system
Magnesium silicate, hydrate 14807-96-6	No data available	No data available	No data available	No data available	Eyes; Respiratory system
Isopropyl alcohol 67-63-0	No data available	No data available	No data available	No data available	Skin; Eyes; Respiratory system

Carcinogenicity There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Crystalline silica 14808-60-7	A2	Group 1	Known	X	not applicable
Magnesium silicate, hydrate 14807-96-6	not applicable	Group 3	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Glycidyl neodecanoate	EC50 = 3.5 mg/L Pseudokirchneriella subcapitata 96 h	LC50 = 5 mg/L Oncorhynchus mykiss 96 h	No information available	4.8: 48 h Daphnia magna mg/L EC50	4.4
Magnesium silicate, hydrate	No information available.	LC50 > 100 g/L Brachydanio rerio 96 h	No information available	No information available.	N/A
Isopropyl alcohol	EC50 > 1000 mg/L Desmodesmus subspicatus 96 h EC50 > 1000 mg/L Desmodesmus subspicatus 72 h	LC50 = 9640 mg/L Pimephales promelas 96 h LC50 = 11130 mg/L Pimephales promelas 96 h LC50 > 1400000 µg/L Lepomis macrochirus 96 h	EC50 = 35390 mg/L 5 min	13299: 48 h Daphnia magna mg/L EC50	0.05

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
No	No	No	No	No

CERCLA

None

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Component	CAS No.	California Prop. 65
Crystalline silica	14808-60-7	carcinogen

16. OTHER INFORMATION

Prepared By

Christopher Drogin

Supersedes Date

Not applicable

Issuing Date

04/17/2017

Reason for Revision

No information available.

Glossary

No information available.

List of References.

No information available.

Mega Metals, Partsmaster, Div of NCH Corp. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Safety Data Sheet MEGA TOP COAT H2O PART B - ACTIVATOR

Supersedes Date Not applicable

Issuing Date 04/17/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA TOP COAT H2O PART B - ACTIVATOR

Recommended use Epoxy coating

Information on Manufacturer

Mega Metals, Partsmaster, Div of NCH Corp.

P.O. Box 655326

Dallas, TX 75265-5326

Product Code PMB57567

Chemical nature Epoxy hardener

Emergency Telephone Number

CHEMTREC® 800-424-9300

Telephone inquiry

800-336-0450

2. HAZARD IDENTIFICATION

Color No information available

Physical state Liquid

Odor Ammoniacal Solvent

GHS

Classification

Physical Hazards

Health Hazard

Skin Corrosion/Irritation

Serious Eye Damage/Eye Irritation

Carcinogenicity

Category 2

Category 2

Category 1A

Other hazards

None

Labeling

Signal Word

DANGER



Hazard statements

H315 - Causes skin irritation

H319 - Causes serious eye irritation

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

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

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

P308 + P313 - IF exposed or concerned, 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.

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.

P405 - Store locked up

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

40 % of the mixture consists of ingredient(s) of unknown toxicity.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %
Water	7732-18-5	30-60
Epoxy polyamine adduct	N.A.	15-40
Magnesium silicate, hydrate	14807-96-6	5-10
Ethylene glycol monopropyl ether	2807-30-9	5-10
Crystalline silica	14808-60-7	5-10
Acetic acid	64-19-7	1-5

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice	No information available.
Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.
Inhalation	Move to fresh air.
Ingestion	Clean mouth with water and afterwards drink plenty of water.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point Does not flash	Method Seta closed cup
Upper: No data available	Lower: No data available
Suitable Extinguishing Media	
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
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, NOHSC (approved or equivalent) and full protective gear.	
NFPA	Health 2
HMIS	Health 2
	Flammability 0
	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation.
Environmental Precautions	Prevent further leakage or spillage if safe to do so.
Methods for Containment	No information available.
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	Ensure adequate ventilation.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.
Storage Temperature	Minimum No information available
Storage Conditions	Indoor Outdoor Maximum Heated No information available Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Magnesium silicate, hydrate	TWA: 2 mg/m ³ particulate matter containing no asbestos and <1% crystalline silica, respirable fraction	No data available	1000 mg/m ³ TWA: 2 mg/m ³ respirable dust
Crystalline silica	TWA: 0.025 mg/m ³ respirable fraction	No data available	50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
Acetic acid	TWA: 10 ppm STEL: 15 ppm	TWA: 10 ppm TWA: 25 mg/m ³	50 ppm STEL 15 ppm STEL 37 mg/m ³ TWA: 10 ppm TWA: 25 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	In case of insufficient ventilation wear suitable respiratory equipment.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Viscosity	Viscous
Color	colorless	Odor	Ammoniacal Solvent
Odor Threshold	Not applicable	Appearance	Opaque
pH	No data available	Specific Gravity	1.22
Evaporation Rate	No information available	Percent Volatile (Volume)	No information available
VOC Content (%)	No information available.	VOC Content (g/L)	84 g/L (combined)
Vapor Pressure	No information available	Vapor Density	>1 (Air = 1.0)

Solubility	Miscible	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	212-301	Flammability (solid, gas)	No data available
Flash Point	Does not flash	Method	Seta closed cup
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	No materials to be especially mentioned.
Decomposition Temperature	No data available
Hazardous Decomposition Products	None under normal use.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

The following values are calculated based on chapter 3.1 of the GHS document

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	None reasonably foreseeable.
Primary Routes of Entry	None known.
Acute Effects:	
Eyes	May cause slight irritation.
Skin	Substance may cause slight skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	No information available.
Target Organ Effects	No information available.
Aggravated Medical Conditions	No information available.
Component Information	

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Water 7732-18-5	> 90 mL/kg (Rat)	no data available	No data available	No data available	No data available
Ethylene glycol monopropyl ether 2807-30-9	No data available	= 870 mg/kg (Rabbit)	= 1530 ppm (Rat) 7 h	No data available	No data available
Crystalline silica 14808-60-7	= 500 mg/kg (Rat)	no data available	No data available	No data available	No data available
Acetic acid 64-19-7	= 3310 mg/kg (Rat)	= 1060 mg/kg (Rabbit)	= 11.4 mg/L (Rat) 4 h	No data available	No data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Magnesium silicate, hydrate 14807-96-6	No data available	No data available	No data available	No data available	Eyes; Respiratory system
Crystalline silica 14808-60-7	No data available	No data available	No data available	No data available	Eyes; Respiratory system
Acetic acid 64-19-7	No data available	No data available	No data available	No data available	Teeth; Skin; Eyes; Respiratory system

Carcinogenicity There are no known carcinogenic chemicals in this product.

Component	ACGIH	IARC	NTP	OSHA	Other
Magnesium silicate, hydrate 14807-96-6	not applicable	Group 3	not applicable	not applicable	not applicable
Crystalline silica 14808-60-7	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	Crustacea	Partition coefficient
Magnesium silicate, hydrate	No information available.	LC50 > 100 g/L Brachydanio rerio 96 h	No information available	No information available.	N/A
Acetic acid	No information available.	LC50 = 79 mg/L Pimephales promelas 96 h LC50 = 75 mg/L Lepomis macrochirus 96 h	EC50 = 8.8 mg/L 15 min EC50 = 8.8 mg/L 25 min EC50 = 8.8 mg/L 5 min	65: 48 h Daphnia magna mg/L EC50 Static	-0.31

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.

Component	CAS No.	Weight %	SARA 313 - Threshold Values
Ethylene glycol monopropyl ether	2807-30-9	5-10	1.0

SARA 311/312 Hazardous Categorization

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

CERCLA

None

Component	Hazardous Substances RQs	CERCLA EHS RQs
Acetic acid	5000 lb	Not applicable

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

Component	CAS No.	California Prop. 65
Crystalline silica	14808-60-7	carcinogen

16. OTHER INFORMATION

Prepared By

Christopher Drogin

Supersedes Date

Not applicable

Issuing Date

04/17/2017

Reason for Revision

No information available.

Glossary

No information available.

List of References.

No information available.

Mega Metals,Partsmaster,Div of NCH Corp.assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.