

Safety Data Sheet MEGA-SHOT CLEAR PART A

Supersedes Date Not applicable

Issuing Date 06/24/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA-SHOT CLEAR PART A
Recommended use Adhesives
Information on Manufacturer
Mega Metals, Partsmaster, Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code PMO57573
Chemical nature Epoxy resins
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
800-336-0450

2. HAZARD IDENTIFICATION

Color Clear

Physical state Liquid

Odor Slight

GHS

Classification

Physical Hazards

Health Hazard

Skin Corrosion/Irritation
Serious Eye Damage/Eye Irritation
Skin sensitization

Category 2
Category 2A
Category 1

Other hazards

None

Labeling

Signal Word

WARNING



Hazard statements

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

Precautionary Statements

P261 - Avoid breathing vapor.
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
P333 + P313 - If skin irritation or rash 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.
P272 - Contaminated work clothing should not be allowed out of the workplace
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 % * |
|---|------------|------------|
| Bisphenol A - Epichlorohydrin polymer | 25068-38-6 | 60-100 |
| Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol | 9003-36-5 | 7-15 |

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

4. FIRST AID MEASURES

General advice
Eye Contact

No information available.
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 480.2 °F / 249 °C | 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 1 | Flammability 1 | Instability 1 |
| HMIS | Health 1 | Flammability 1 | Instability 1 |

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 Heated Refrigerated |
| | Maximum No information available |

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. |
| 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 | Clear | Odor | Slight |
| Odor Threshold | Not applicable | Appearance | Transparent |
| pH | Not applicable | Specific Gravity | 1.17 |
| Evaporation Rate | No information available | Percent Volatile (Volume) | No information available |
| VOC Content (%) | <0.5 combined | Vapor Pressure | No information available |
| Vapor Density | No information available | 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 | 500 °F / 260 °C |
| Flammability (solid, gas) | No data available | | |
| Flash Point | 480.2 °F / 249 °C | 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 |
|--|-----------------------|---------------------|-------------------|-------------------|-------------------|
| Bisphenol A - Epichlorohydrin polymer 25068-38-6 | = 11400 mg/kg (Rat) | no data available | No data available | No data available | No data available |
| Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol 9003-36-5 | > 2 g/kg (Rat) | > 400 mg/kg (Rat) | No data available | No data available | No data available |

| Component | Mutagenicity | Sensitization | Developmental Toxicity | Reproductive Toxicity | Target Organ Effects |
|--|-------------------|--------------------|------------------------|-----------------------|----------------------|
| Bisphenol A - Epichlorohydrin polymer 25068-38-6 | No data available | Skin sensitization | No data available | No data available | No data available |
| Formaldehyde, polymer with 2-(chloromethyl)oxirane and phenol 9003-36-5 | No data available | Skin sensitization | No data available | No data available | No data available |

Carcinogenicity

There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

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.

16. OTHER INFORMATION

Prepared By Christopher Drogin

Supersedes Date Not applicable

Issuing Date 06/24/2016

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-SHOT CLEAR PART B

Supersedes Date Not applicable

Issuing Date 06/24/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name MEGA-SHOT CLEAR PART B
Recommended use Adhesive
Information on Manufacturer
Mega Metals,Partsmaster,Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code PMP57573
Chemical nature Amine blend
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
800-336-0450

2. HAZARD IDENTIFICATION

Color Clear

Physical state Liquid

Odor Amine-like

GHS

Classification

Physical Hazards

Health Hazard

Acute Oral Toxicity

Acute Inhalation Toxicity - Vapors

Category 4

Category 4

Other hazards

None

Labeling

Signal Word

WARNING



Hazard statements

H302 - Harmful if swallowed

H332 - Harmful if inhaled

Precautionary Statements

P261 - Avoid breathing vapor.

P271 - Use in a well-ventilated area.

P270 - Do not eat, drink or smoke when using this product.

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

P301+ P312 - IF SWALLOWED: Call a physician if unwell

P330 - Rinse mouth

P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

P312 - Call a physician if unwell.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component | CAS No. | Weight % * |
|--------------------------------|------------|------------|
| Triethylene glycol dimercaptan | 14970-87-7 | 60-100 |

*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 314.6 °F / 157 °C

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 1 Flammability 1 Instability 1

HMIS Health 1 Flammability 1 Instability 1

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 **Maximum** No information available

Storage Conditions

Indoor **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.

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

Clear

Odor

Amine-like

Odor Threshold

Not applicable

Appearance

Transparent

pH

Not applicable

Specific Gravity

1.3

Evaporation Rate

No information available

Percent Volatile (Volume)

No information available

VOC Content (%)

<0.5 combined

Vapor Pressure

No information available

Vapor Density

No information available

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

300 °F / 149 °C

Flammability (solid, gas)

No data available

Method

Seta closed cup

Flash Point

314.6 °F / 157 °C

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.

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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

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

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Bioaccumulation No information available.

Mobility No information available.

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U.S. Federal Regulations

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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.

16. OTHER INFORMATION

Prepared By Christopher Drogin
 Supersedes Date Not applicable
 Issuing Date 06/24/2016
 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.