

# Safety Data Sheet MEGA STRIPE SR PART A

Supersedes Date Not applicable

Issuing Date 04/04/2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** MEGA STRIPE SR PART A  
**Recommended use** Non-Slip Coating Epoxy coating  
**Information on Manufacturer**  
Mega Metals, Partsmaster, Div of NCH Corp.  
P.O. Box 655326  
Dallas, TX 75265-5326

**Product Code** PMM57563  
**Chemical nature** Epoxy resins  
**Emergency Telephone Number**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
800-336-0450

## 2. HAZARD IDENTIFICATION

**Color** White Yellow Black

**Physical state** Paste

**Odor** No information available.

### GHS

#### Classification

##### Physical Hazards

##### Health Hazard

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

Category 2

Category 2

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 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  
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.  
P501 - Dispose of contents and container to an approved waste disposal plant.

54 % 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 | 40-70      |
| Magnesium silicate, hydrate                    | 14807-96-6 | 10-30      |
| Bisphenol F diglycidyl ether                   | 2095-03-6  | 5-10       |
| Titanium dioxide                               | 13463-67-7 | 0-10       |
| Formaldehyde, polymer with 1,3-dimethylbenzene | 26139-75-3 | 5-10       |
| PIGMENT YELLOW NO83 CI 21108                   | 5567-15-7  | 0-10       |
| Limestone                                      | 1317-65-3  | 0.1-1      |

Alkyl (C12-14) glycidyl ether

68609-97-2

0.1-1

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

**4. FIRST AID MEASURES**

|                           |                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>     | No information available.                                                                                                                                                                          |
| <b>Eye Contact</b>        | Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.                                                                          |
| <b>Skin Contact</b>       | Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use. Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. |
| <b>Inhalation</b>         | Move to fresh air.                                                                                                                                                                                 |
| <b>Ingestion</b>          | Clean mouth with water and afterwards drink plenty of water.                                                                                                                                       |
| <b>Notes to physician</b> | Treat symptomatically.                                                                                                                                                                             |

**5. FIRE-FIGHTING MEASURES**

|                                                                                                                                   |                                    |                       |                      |
|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------|----------------------|
| <b>Flash Point</b> 480 °F / 249 °C                                                                                                | <b>Method</b> Cleveland closed cup |                       |                      |
| <b>Upper:</b> No data available                                                                                                   | <b>Lower:</b> No data available    |                       |                      |
| <b>Suitable Extinguishing Media</b>                                                                                               |                                    |                       |                      |
| Carbon dioxide (CO2). Dry chemical. Foam. Water spray.                                                                            |                                    |                       |                      |
| <b>Specific hazards arising from the chemical</b>                                                                                 |                                    |                       |                      |
| The product causes burns of eyes, skin and mucous membranes.                                                                      |                                    |                       |                      |
| <b>Protective Equipment and Precautions for Firefighters</b>                                                                      |                                    |                       |                      |
| As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear. |                                    |                       |                      |
| <b>NFPA</b>                                                                                                                       | <b>Health</b> 2                    | <b>Flammability</b> 1 | <b>Instability</b> 0 |
| <b>HMIS</b>                                                                                                                       | <b>Health</b> 2                    | <b>Flammability</b> 1 | <b>Instability</b> 0 |

**6. ACCIDENTAL RELEASE MEASURES**

|                                  |                                                                                                                                                                                                                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>      | Use personal protective equipment.                                                                                                                                                                                                                                                                |
| <b>Environmental Precautions</b> | 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. Do not flush into surface water or sanitary sewer system. |
| <b>Methods for Containment</b>   | No information available.                                                                                                                                                                                                                                                                         |
| <b>Methods for Cleaning Up</b>   | 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.                                |
| <b>Neutralizing Agent</b>        | Not applicable.                                                                                                                                                                                                                                                                                   |

**7. HANDLING AND STORAGE**

|                            |                                                                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling</b>            | Avoid contact with skin, eyes and clothing. Keep away from clothing and other combustible materials. Wear personal protective equipment. Ensure adequate ventilation.                          |
| <b>Storage</b>             | Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep container tightly closed in a dry and well-ventilated place. Keep in a banded area. |
| <b>Storage Temperature</b> | <b>Minimum</b> No information available <b>Maximum</b> No information available                                                                                                                |
| <b>Storage Conditions</b>  | <b>Indoor</b> X <b>Outdoor</b> <b>Heated</b> <b>Refrigerated</b>                                                                                                                               |

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Exposure Guidelines**

| Component                   | ACGIH TLV                                                                                                          | OSHA PEL                                                                             | NIOSH                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Magnesium silicate, hydrate | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction | No data available                                                                    | 1000 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> respirable dust               |
| Titanium dioxide            | TWA: 10 mg/m <sup>3</sup>                                                                                          | TWA: 15 mg/m <sup>3</sup> total dust                                                 | 5000 mg/m <sup>3</sup>                                                           |
| Limestone                   | No data available                                                                                                  | TWA: 15 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable fraction | TWA: 10 mg/m <sup>3</sup> total dust<br>TWA: 5 mg/m <sup>3</sup> respirable dust |

|                                       |                                                                                                |
|---------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Engineering Measures</b>           | Ensure adequate ventilation, especially in confined areas.                                     |
| <b>Personal Protective Equipment</b>  |                                                                                                |
| <b>Eye/Face Protection</b>            | Safety glasses with side-shields.                                                              |
| <b>Skin Protection</b>                | For prolonged or repeated contact, use protective gloves with appropriate chemical resistance. |
| <b>Respiratory Protection</b>         | In case of inadequate ventilation wear respiratory protection.                                 |
| <b>General Hygiene Considerations</b> | When using, do not eat, drink, or smoke. Remove and wash contaminated clothing before re-use.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                                 |                           |                                  |                           |
|-----------------------------------------------------------------|---------------------------|----------------------------------|---------------------------|
| <b>Physical state</b>                                           | Paste                     | <b>Viscosity</b>                 | No information available  |
| <b>Color</b>                                                    | White Yellow Black        | <b>Odor</b>                      | No information available. |
| <b>Odor Threshold</b>                                           | Not applicable            | <b>Appearance</b>                | No information available. |
| <b>pH</b>                                                       | Not applicable            | <b>Specific Gravity</b>          | 1.13                      |
| <b>Evaporation Rate</b>                                         | No information available  | <b>Percent Volatile (Volume)</b> | No information available  |
| <b>VOC Content (%)</b>                                          | No information available. | <b>Vapor Pressure</b>            | No information available  |
| <b>Vapor Density</b>                                            | No information available  | <b>Solubility</b>                | No information available. |
| <b>n-Octanol/Water Partition</b>                                | No data available         | <b>Melting Point/Range</b>       | No data available         |
| <b>Decomposition Temperature</b>                                | No data available         | <b>Boiling Point/Range</b>       | No data available         |
| <b>Flammability (solid, gas)</b>                                | No data available         |                                  |                           |
| <b>Flash Point</b>                                              | 480 °F / 249 °C           | <b>Method</b>                    | Cleveland closed cup      |
| <b>Autoignition Temperature</b>                                 | No information available. |                                  |                           |
| <b>Upper:</b> No data available <b>Lower:</b> No data available |                           |                                  |                           |

## 10. STABILITY AND REACTIVITY

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

|                        |                          |
|------------------------|--------------------------|
| <b>Oral LD50</b>       | 11,653.00                |
| <b>Dermal LD50</b>     | No information available |
| <b>Inhalation LC50</b> |                          |
| <b>Gas</b>             | No information available |
| <b>Mist</b>            | No information available |
| <b>Vapor</b>           | No information available |

**Principle Route of Exposure** Eye contact, Inhalation, Skin contact.  
**Primary Routes of Entry** None known.

**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                                           | Oral LD50             | Dermal LD50       | Inhalation LC50   | Draize Test       | Other             |
|-----------------------------------------------------|-----------------------|-------------------|-------------------|-------------------|-------------------|
| Bisphenol A - Epichlorohydrin polymer<br>25068-38-6 | = 11400 mg/kg ( Rat ) | no data available | no data available | no data available | no data available |
| Titanium dioxide<br>13463-67-7                      | > 10000 mg/kg ( Rat ) | no data available | no data available | no data available | no data available |
| PIGMENT YELLOW NO83 CI<br>21108<br>5567-15-7        | > 5000 mg/kg ( Rat )  | no data available | no data available | no data available | no data available |
| Alkyl (C12-14) glycidyl ether<br>68609-97-2         | = 17100 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<br>25068-38-6 | no data available | Skin sensitization | no data available      | no data available     | no data available       |
| Magnesium silicate, hydrate<br>14807-96-6           | no data available | no data available  | no data available      | no data available     | Eyes Respiratory system |
| Titanium dioxide<br>13463-67-7                      | no data available | no data available  | no data available      | no data available     | Respiratory system      |

|                        |                   |                   |                   |                   |                              |
|------------------------|-------------------|-------------------|-------------------|-------------------|------------------------------|
| Limestone<br>1317-65-3 | no data available | no data available | no data available | no data available | Skin Eyes Respiratory system |
|------------------------|-------------------|-------------------|-------------------|-------------------|------------------------------|

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

| Component                                 | ACGIH          | IARC     | NTP            | OSHA           | Other          |
|-------------------------------------------|----------------|----------|----------------|----------------|----------------|
| Magnesium silicate, hydrate<br>14807-96-6 | not applicable | Group 3  | not applicable | not applicable | not applicable |
| Titanium dioxide<br>13463-67-7            | not applicable | Group 2B | not applicable | X              | not applicable |

## 12. ECOLOGICAL INFORMATION

**Product Information** No information available.

**Component Information**

| Component                   | Toxicity to Algae         | Toxicity to Fish                      | Microtox                 | Crustacea                 | log Pow |
|-----------------------------|---------------------------|---------------------------------------|--------------------------|---------------------------|---------|
| Magnesium silicate, hydrate | No information available. | LC50 > 100 g/L Brachydanio rerio 96 h | No information available | No information 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** None

**U.S. State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

| Component                   | CAS No.    | California Prop. 65 |
|-----------------------------|------------|---------------------|
| Titanium dioxide            | 13463-67-7 | carcinogen          |
| Crystalline Silica (Quartz) | 14808-60-7 | carcinogen          |

## 16. OTHER INFORMATION

**Prepared By** Christopher Drogin

|                     |                           |
|---------------------|---------------------------|
| Supersedes Date     | Not applicable            |
| Issuing Date        | 04/04/2016                |
| 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 STRIPE SR PART B

Supersedes Date Not applicable

Issuing Date 04/04/2016

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** MEGA STRIPE SR PART B  
**Recommended use** Epoxy coating Epoxy hardener  
**Information on Manufacturer**  
Mega Metals, Partsmaster, Div of NCH Corp.  
P.O. Box 655326  
Dallas, TX 75265-5326

**Product Code** PMN57563  
**Chemical nature** Epoxies  
**Emergency Telephone Number**  
CHEMTREC® 800-424-9300  
**Telephone inquiry**  
800-336-0450

## 2. HAZARD IDENTIFICATION

**Color** Dark gray

**Physical state** Paste

**Odor** No information available.

### GHS

#### Classification

##### Physical Hazards

##### Health Hazard

Acute Oral Toxicity  
Acute Dermal Toxicity  
Skin Corrosion/Irritation  
Serious Eye Damage/Eye Irritation

Category 4  
Category 4  
Category 1  
Category 1

##### Other hazards

None

### Labeling

#### Signal Word

**DANGER**



#### Hazard statements

H314 - Causes severe skin burns and eye damage  
H302 - Harmful if swallowed  
H312 - Harmful in contact with skin

#### Precautionary Statements

P260 - Do not breathe vapor or mist.  
P270 - Do not eat, drink or smoke when using this product.  
P264 - Wash face, hands and any exposed skin thoroughly after handling  
P280 - Wear protective gloves, protective clothing and eye protection.  
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a physician  
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower  
P312 - Call a physician if unwell.  
P363 - Wash contaminated clothing before reuse  
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.  
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.  
P311 - Call a POISON CENTER or doctor/physician  
P405 - Store locked up  
P501 - Dispose of contents and container to an approved waste disposal plant.

57.5 % of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Component         | CAS No.    | Weight % * |
|-------------------|------------|------------|
| Styrenated phenol | 61788-44-1 | 10-30      |

|                                   |            |       |
|-----------------------------------|------------|-------|
| Magnesium silicate, hydrate       | 14807-96-6 | 10-30 |
| Sodium calcium magnesium silicate | 65997-17-3 | 5-15  |
| Polyamide resin                   | 68410-23-1 | 5-15  |
| Bis(2-ethylhexyl) terephthalate   | 6422-86-2  | 5-15  |
| Poly (oxypropylene) Diamine       | 9046-10-0  | 5-15  |
| 1-(2-Aminoethyl) piperazine       | 140-31-8   | 5-15  |
| Treated fumed silica              | 67762-90-7 | 1-5   |

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

#### 4. FIRST AID MEASURES

|                           |                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General advice</b>     | No information available.                                                                                                                                                                          |
| <b>Eye Contact</b>        | Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.                                                                          |
| <b>Skin Contact</b>       | Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use. Wipe up with absorbent material (e.g. cloth, fleece). Wash off with soap and plenty of water. |
| <b>Inhalation</b>         | Move to fresh air.                                                                                                                                                                                 |
| <b>Ingestion</b>          | Rinse mouth.                                                                                                                                                                                       |
| <b>Notes to physician</b> | Treat symptomatically.                                                                                                                                                                             |

#### 5. FIRE-FIGHTING MEASURES

|                                                                                                                                   |                                 |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <b>Flash Point</b> 480 °F / 249 °C                                                                                                | <b>Method</b> Closed cup        |
| <b>Upper:</b> No data available                                                                                                   | <b>Lower:</b> No data available |
| <b>Suitable Extinguishing Media</b>                                                                                               |                                 |
| Carbon dioxide (CO2). Dry chemical. Foam. Water spray.                                                                            |                                 |
| <b>Specific hazards arising from the chemical</b>                                                                                 |                                 |
| The product causes burns of eyes, skin and mucous membranes.                                                                      |                                 |
| <b>Protective Equipment and Precautions for Firefighters</b>                                                                      |                                 |
| As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear. |                                 |
| <b>NFPA</b>                                                                                                                       | <b>Health</b> 2                 |
| <b>HMIS</b>                                                                                                                       | <b>Health</b> 2                 |
|                                                                                                                                   | <b>Flammability</b> 1           |
|                                                                                                                                   | <b>Flammability</b> 1           |
|                                                                                                                                   | <b>Instability</b> 0            |
|                                                                                                                                   | <b>Instability</b> 0            |

#### 6. ACCIDENTAL RELEASE MEASURES

|                                  |                                                                                                                                                                                                                             |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>      | Use personal protective equipment.                                                                                                                                                                                          |
| <b>Environmental Precautions</b> | Do not flush into surface water or sanitary sewer system.                                                                                                                                                                   |
| <b>Methods for Containment</b>   | No information available.                                                                                                                                                                                                   |
| <b>Methods for Cleaning Up</b>   | 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). |
| <b>Neutralizing Agent</b>        | Not applicable.                                                                                                                                                                                                             |

#### 7. HANDLING AND STORAGE

|                            |                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Handling</b>            | Avoid contact with skin, eyes and clothing. Keep away from clothing and other combustible materials.  |
| <b>Storage</b>             | Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. |
| <b>Storage Temperature</b> | <b>Minimum</b> No information available <b>Maximum</b> No information available                       |
| <b>Storage Conditions</b>  | <b>Indoor</b> X <b>Outdoor</b> <b>Heated</b> <b>Refrigerated</b>                                      |

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

##### Exposure Guidelines

| Component                         | ACGIH TLV                                                                                                                                                                                                                                                 | OSHA PEL          | NIOSH                                                              |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------|
| Magnesium silicate, hydrate       | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable fraction                                                                                                                                        | No data available | 1000 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> respirable dust |
| Sodium calcium magnesium silicate | TWA: 1 fiber/cm <sup>3</sup> respirable fibers: length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination<br>TWA: 5 mg/m <sup>3</sup> inhalable fraction | No data available | No data available                                                  |

|                                      |                                                            |
|--------------------------------------|------------------------------------------------------------|
| <b>Engineering Measures</b>          | Ensure adequate ventilation, especially in confined areas. |
| <b>Personal Protective Equipment</b> |                                                            |

|                                       |                                                                                                          |
|---------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Eye/Face Protection</b>            | Safety glasses with side-shields.                                                                        |
| <b>Skin Protection</b>                | For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.           |
| <b>Respiratory Protection</b>         | In case of inadequate ventilation wear respiratory protection.                                           |
| <b>General Hygiene Considerations</b> | Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before re-use. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                                 |                           |                                  |                           |
|-----------------------------------------------------------------|---------------------------|----------------------------------|---------------------------|
| <b>Physical state</b>                                           | Paste                     | <b>Viscosity</b>                 | No information available  |
| <b>Color</b>                                                    | Dark gray                 | <b>Odor</b>                      | No information available. |
| <b>Odor Threshold</b>                                           | Not applicable            | <b>Appearance</b>                | No information available. |
| <b>pH</b>                                                       | Not applicable            | <b>Specific Gravity</b>          | 1.08                      |
| <b>Evaporation Rate</b>                                         | No information available  | <b>Percent Volatile (Volume)</b> | No information available  |
| <b>VOC Content (%)</b>                                          | No information available. | <b>Vapor Pressure</b>            | No information available  |
| <b>Vapor Density</b>                                            | No information available  | <b>Solubility</b>                | No information available. |
| <b>n-Octanol/Water Partition</b>                                | No data available         | <b>Melting Point/Range</b>       | No data available         |
| <b>Decomposition Temperature</b>                                | No data available         | <b>Boiling Point/Range</b>       | No data available         |
| <b>Flammability (solid, gas)</b>                                | No data available         |                                  |                           |
| <b>Flash Point</b>                                              | 480 °F / 249 °C           | <b>Method</b>                    | Closed cup                |
| <b>Autoignition Temperature</b>                                 | No information available. |                                  |                           |
| <b>Upper:</b> No data available <b>Lower:</b> No data available |                           |                                  |                           |

## 10. STABILITY AND REACTIVITY

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

|                        |                          |
|------------------------|--------------------------|
| <b>Oral LD50</b>       | 716                      |
| <b>Dermal LD50</b>     | No information available |
| <b>Inhalation LC50</b> |                          |
| <b>Gas</b>             | No information available |
| <b>Mist</b>            | No information available |
| <b>Vapor</b>           | No information available |

**Principle Route of Exposure** Eye contact, Inhalation, Skin contact.  
**Primary Routes of Entry** None known.

**Acute Effects:**

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| <b>Eyes</b>       | May cause eye irritation.                                                       |
| <b>Skin</b>       | May cause skin irritation.                                                      |
| <b>Inhalation</b> | (Mist). May cause irritation of respiratory tract.                              |
| <b>Ingestion</b>  | 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                                | Oral LD50              | Dermal LD50             | Inhalation LC50   | Draize Test       | Other             |
|------------------------------------------|------------------------|-------------------------|-------------------|-------------------|-------------------|
| Styrenated phenol<br>61788-44-1          | = 2500 mg/kg ( Rat )   | > 7940 mg/kg ( Rabbit ) | no data available | no data available | no data available |
| Polyamide resin<br>68410-23-1            | no data available      | no data available       | no data available | no data available | no data available |
| Poly (oxypropylene) Diamine<br>9046-10-0 | = 242 mg/kg ( Rat )    | = 360 mg/kg (Rabbit)    | no data available | no data available | no data available |
| 1-(2-Aminoethyl) piperazine<br>140-31-8  | = 2140 mg/kg ( Rat )   | = 880 µL/kg ( Rabbit )  | no data available | no data available | no data available |
| Treated fumed silica<br>67762-90-7       | = > 5000 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 |
|-----------|--------------|---------------|------------------------|-----------------------|----------------------|
|-----------|--------------|---------------|------------------------|-----------------------|----------------------|

|                                           |                   |                   |                   |                   |                         |
|-------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|
| Magnesium silicate, hydrate<br>14807-96-6 | no data available | no data available | no data available | no data available | Eyes Respiratory system |
|-------------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|

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

| Component                                 | ACGIH          | IARC    | NTP            | OSHA           | Other          |
|-------------------------------------------|----------------|---------|----------------|----------------|----------------|
| Magnesium silicate, hydrate<br>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                        | log Pow |
|-----------------------------|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------|---------|
| Styrenated phenol           | No information available.                            | No information available.                                                                                                                | No information available | No information available.        | 4.004   |
| Magnesium silicate, hydrate | No information available.                            | LC50 > 100 g/L Brachydanio rerio 96 h                                                                                                    | No information available | No information available.        | N/A     |
| 1-(2-Aminoethyl) piperazine | EC50 = 495 mg/L Pseudokirchneriella subcapitata 72 h | LC50 1950 - 2460 mg/L Pimephales promelas 96 h<br>LC50 > 1000 mg/L Poecilia reticulata 96 h<br>LC50 >= 100 mg/L Oncorhynchus mykiss 96 h | EC50 > 10000 mg/L 17 h   | 32: 48 h Daphnia magna mg/L EC50 | -1.48   |

**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**

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 (Quartz) | 14808-60-7 | carcinogen          |

**16. OTHER INFORMATION**

|                     |                           |
|---------------------|---------------------------|
| Prepared By         | Christopher Drogin        |
| Supersedes Date     | Not applicable            |
| Issuing Date        | 04/04/2016                |
| Reason for Revision | No information available. |
| Glossary            | No information available. |
| List of References. | No information available. |

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