



# QUIKSTEEL COPPER PUTTY CARD 2 OZ.

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 05/03/2016

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Version: 1.2

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture  
Trade name : QUIKSTEEL COPPER PUTTY CARD 2 OZ.  
Product code : 16302US

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Multiple Use Epoxy Putty

### 1.3. Details of the supplier of the safety data sheet

Technical Chemical Company  
P.O. BOX 139  
Cleburne, Texas 76033  
T 817-645-6088

### 1.4. Emergency telephone number

Emergency number : CHEMTRAC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### GHS-US classification

Skin Sens. 1 H317  
Carc. 1A H350

Full text of H statements : see section 16

### 2.2. Label elements

#### GHS-US labeling

Hazard pictograms (GHS-US) :



GHS07

GHS08

Signal word (GHS-US)

: Danger

Hazard statements (GHS-US)

: H317 - May cause an allergic skin reaction  
H350 - May cause cancer

Precautionary statements (GHS-US)

: P201 - Obtain special instructions  
P202 - Do not handle until all safety precautions have been read and understood  
P261 - Avoid breathing dust,fume,gas,mist,vapor spray  
P272 - Contaminated work clothing must not be allowed out of the workplace  
P280 - Wear protective gloves,protective clothing,eye protection,face protection  
P302+P352 - If on skin: Wash with plenty of soap and water  
P308+P313 - If exposed or concerned: Get medical advice/attention  
P321 - Specific treatment: See section 4.1 on SDS  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention  
P363 - Wash contaminated clothing before reuse  
P405 - Store locked up  
P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

### 2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

### 2.4. Unknown acute toxicity (GHS US)

No data available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name   | Product identifier    | %            | GHS-US classification |
|--|-----------------------|--------------|-----------------------|
| Talc   | (CAS No) 14807-96-6   | 39.42 - 65.7 | Not classified        |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer | (CAS No) 25085-99-8   | 10 - 30      | Not classified        |
| GMP-800  | (CAS No) Trade Secret | 10 - 30      | Not classified        |

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| Name                                    | Product identifier  | %              | GHS-US classification  |
|---|---------------------|----------------|--|
| Dolomite                                | (CAS No) 16389-88-1 | 3.285 - 6.57   | Not classified   |
| Copper, Powder                          | (CAS No) 7440-50-8  | 1 - 5          | Not classified   |
| Magnesium Carbonate                     | (CAS No) 546-93-0   | 0.657 - 3.285  | Not classified   |
| Quartz                                  | (CAS No) 14808-60-7 | 0.657 - 3.285  | Acute Tox. 4 (Oral), H302<br>Carc. 1A, H350                          |
| 2,4,6-Tris (Dimethylaminomethyl) Phenol | (CAS No) 90-72-2    | > 1.71         | Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315                     |
| Electronic Grade Resin                  | (CAS No) 28064-14-4 | 1 - 5          | Not classified   |
| Titanium (IV) Oxide                     | (CAS No) 13463-67-7 | 0.325 - 0.55   | Carc. 2, H351  |
| Epoxy Resins, Liquids, MM<=700          | (CAS No) 25068-38-6 | 0.275 - 0.3    | Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 2, H411 |
| Iron (III) Oxide                        | (CAS No) 1309-37-1  | 0.1 - 0.125    | Not classified   |
| DMP-30                                  |                     | < 0.09         | Not classified   |
| CI 77492                                | (CAS No) 51274-00-1 | 0.05 - 0.075   | Not classified   |
| Aluminium Oxide, Activated              | (CAS No) 1344-28-1  | 0.015 - 0.035  | Not classified   |
| Carbon Black                            | (CAS No) 1333-86-4  | 0.005 - 0.025  | Carc. 2, H351  |
| Silicon Dioxide, Amorphous              | (CAS No) 7631-86-9  | 0.0005 - 0.005 | Not classified   |
| Zirconium (IV) Oxide                    | (CAS No) 1314-23-4  | 0.0005 - 0.005 | Not classified   |

The exact percentage is a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general

: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation

: Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact

: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment: See section 4.1 on SDS. Wash contaminated clothing before reuse.

First-aid measures after eye contact

: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion

: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries

: If you feel unwell, seek medical advice.

Symptoms/injuries after inhalation

: May cause cancer by inhalation.

Symptoms/injuries after skin contact

: May cause slight irritation.

Symptoms/injuries after eye contact

: May cause slight eye irritation.

Symptoms/injuries after ingestion

: May be harmful if swallowed and enters airways.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media

: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media

: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

No additional information available

### 5.3. Advice for firefighters

Firefighting instructions

: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting

: Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures

: Remove ignition sources.

#### 6.1.1. For non-emergency personnel

Protective equipment

: Gloves. Safety glasses.

Emergency procedures

: Evacuate unnecessary personnel.

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### 6.1.2. For emergency responders

|                      |  |
|----------------------|--|
| Protective equipment | : Equip cleanup crew with proper protection. |
| Emergency procedures | : Ventilate area.                            |

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

|                         |  |
|-------------------------|--|
| For containment         | : Keep in tubing if not used.  |
| Methods for cleaning up | : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials. |

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust,fume,gas,mist,vapor spray. Obtain special instructions . Do not handle until all safety precautions have been read and understood.   |
| Hygiene measures              | : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash affected areas thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Always wash hands after handling the product. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. |

### 7.2. Conditions for safe storage, including any incompatibilities

|                        |   |
|------------------------|---|
| Technical measures     | : Comply with applicable regulations.   |
| Storage conditions     | : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. |
| Incompatible products  | : Strong bases. Strong acids.   |
| Incompatible materials | : Sources of ignition. Direct sunlight.   |

### 7.3. Specific end use(s)

Follow Label Directions.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| Copper, Powder (7440-50-8)  |                                     |   |
|---|-------------------------------------|---|
| USA ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 0.2 mg/m <sup>3</sup> (Copper fume; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)   |
| Carbon Black (1333-86-4)  |                                     |   |
| USA ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 3 mg/m <sup>3</sup> (Carbon black; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Inhalable fraction)                                  |
| Titanium (IV) Oxide (13463-67-7)                                    |                                     |   |
| USA ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 10 mg/m <sup>3</sup> (Titanium dioxide; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)   |
| Iron (III) Oxide (1309-37-1)  |                                     |   |
| USA ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 5 mg/m <sup>3</sup> (Iron oxide (Fe <sub>2</sub> O <sub>3</sub> ); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction) |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8) |                                     |   |
| USA OSHA  | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 15 mg/m <sup>3</sup>  |
| Aluminium Oxide, Activated (1344-28-1)                              |                                     |   |
| USA ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 1 mg/m <sup>3</sup> (Aluminium, insoluble compounds; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)               |
| Zirconium (IV) Oxide (1314-23-4)                                    |                                     |   |
| USA ACGIH   | ACGIH TWA (mg/m <sup>3</sup> )      | 5 mg/m <sup>3</sup> (Zirconium compounds, as Zr; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)  |
| USA ACGIH   | ACGIH STEL (mg/m <sup>3</sup> )     | 10 mg/m <sup>3</sup> (Zirconium compounds, as Zr; USA; Short time value; TLV - Adopted Value)   |

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### Talc (14807-96-6)

|           |                        |   |
|-----------|------------------------|---|
| USA ACGIH | ACGIH TWA (mg/m³)      | 2 mg/m³ (Talc (containing no asbestos fibers); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica; Talc (containing asbestos fibers); 0.1 fibers/cm³; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; 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) |
| USA OSHA  | OSHA PEL (TWA) (mg/m³) | 2 mg/m³   |

### Dolomite (16389-88-1)

|           |                   |  |
|-----------|-------------------|--|
| USA ACGIH | ACGIH TWA (mg/m³) | 3 mg/m³ (Particulates (insoluble or poorly soluble)(NOS); USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction) |
|-----------|-------------------|--|

### Magnesium Carbonate (546-93-0)

|          |                        |          |
|----------|------------------------|----------|
| USA OSHA | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ |
|----------|------------------------|----------|

### Quartz (14808-60-7)

|           |                        |             |
|-----------|------------------------|-------------|
| USA ACGIH | ACGIH TWA (mg/m³)      | 0.025 mg/m³ |
| USA OSHA  | OSHA PEL (TWA) (mg/m³) | 0.1 mg/m³   |

### 8.2. Exposure controls

- Appropriate engineering controls : Local exhaust ventilation, vent hoods . Ensure good ventilation of the work station.  
Personal protective equipment : Avoid all unnecessary exposure. Gloves. Safety glasses.



- Hand protection : Wear protective gloves.  
Eye protection : Chemical goggles or safety glasses.  
Skin and body protection : Wear suitable protective clothing.  
Respiratory protection : Wear appropriate mask.  
Consumer exposure controls : Avoid contact during pregnancy/while nursing.  
Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|   |                            |
|---|----------------------------|
| Physical state                              | : Solid                    |
| Appearance                                  | : Cylindrical Putty Stick. |
| Color                                       | : Copper.                  |
| Odor  | : Pungent. Mild.           |
| Odor threshold                              | : No data available        |
| pH  | : No data available        |
| Relative evaporation rate (butyl acetate=1) | : No data available        |
| Melting point                               | : No data available        |
| Freezing point                              | : No data available        |
| Boiling point                               | : > 100 °C                 |
| Flash point                                 | : > 100 °C                 |
| Auto-ignition temperature                   | : No data available        |
| Decomposition temperature                   | : No data available        |
| Flammability (solid, gas)                   | : No data available        |
| Vapor pressure                              | : No data available        |
| Relative vapor density at 20 °C             | : No data available        |
| Relative density                            | : 1.7                      |
| Solubility                                  | : No data available        |
| Log Pow                                     | : No data available        |
| Log Kow                                     | : No data available        |
| Viscosity, kinematic                        | : No data available        |

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|                      |                     |
|----------------------|---------------------|
| Viscosity, dynamic   | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Explosion limits     | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| Carbon Black (1333-86-4)  |   |
|---|---|
| LD50 oral rat   | > 8000 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value)   |
| LD50 dermal rabbit  | > 3000 mg/kg (Rabbit)   |
| Epoxy Resins, Liquids, MM<=700 (25068-38-6)                         |   |
| LD50 oral rat   | > 2000 mg/kg (Rat; OECD 420: Acute Oral toxicity – Acute Toxic Class Method; Experimental value)  |
| LD50 dermal rat   | > 2000 mg/kg (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)   |
| Titanium (IV) Oxide (13463-67-7)                                    |   |
| LD50 oral rat   | > 10000 mg/kg (Rat; OECD 425: Acute Oral Toxicity; Up-and-Down Procedure; Experimental value; > 5000 mg/kg bodyweight; Rat; Experimental value) |
| LD50 dermal rabbit  | > 10000 mg/kg (Rabbit; Literature study)  |
| LC50 inhalation rat (mg/l)  | > 6.8 mg/l/4h (Rat; Experimental value)   |
| Iron (III) Oxide (1309-37-1)  |   |
| LD50 oral rat   | > 5000 mg/kg (Rat; Literature study)  |
| Electronic Grade Resin (28064-14-4)                                 |   |
| LD50 oral rat   | 4000 mg/kg  |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8) |   |
| LD50 oral rat   | > 5000 mg/kg (Rat)  |
| LD50 dermal rabbit  | 20000 mg/kg (Rabbit)  |
| 2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)                   |   |
| LD50 oral rat   | 1200 mg/kg (Rat; Equivalent or similar to OECD 401; Literature study; 2169 mg/kg bodyweight; Rat; Experimental value)                           |
| LD50 dermal rat   | > 2000 mg/kg (Rat; Literature study; Other; >1 ml/kg; Rat; Experimental value)  |
| GMP-800 (Trade Secret)  |   |
| LD50 oral rat   | 2.6 g/kg  |
| LD50 dermal rabbit  | > 10.2 g/kg   |
| Aluminium Oxide, Activated (1344-28-1)                              |   |
| LD50 oral rat   | > 10000 mg/kg body weight (Rat; Equivalent or similar to OECD 401; Experimental value)  |
| Silicon Dioxide, Amorphous (7631-86-9)                              |   |
| LD50 oral rat   | > 10000 mg/kg (Rat)   |
| LD50 dermal rabbit  | > 5000 mg/kg (Rabbit)   |

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### Zirconium (IV) Oxide (1314-23-4)

|                            |  |
|----------------------------|--|
| LD50 oral rat              | > 5000 mg/kg body weight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Experimental value) |
| LC50 inhalation rat (mg/l) | > 4.3 mg/l/4h (Rat; Experimental value)  |

### Quartz (14808-60-7)

|                                   |   |
|-----------------------------------|---|
| LD50 oral rat                     | 500 mg/kg   |
| Skin corrosion/irritation         | : Not classified  |
| Serious eye damage/irritation     | : Not classified  |
| Respiratory or skin sensitization | : May cause an allergic skin reaction.  |
| Germ cell mutagenicity            | : Not classified Based on available data, the classification criteria are not met |
| Carcinogenicity                   | : May cause cancer.   |

### Carbon Black (1333-86-4)

|            |    |
|------------|----|
| IARC group | 2B |
|------------|----|

### Titanium (IV) Oxide (13463-67-7)

|            |    |
|------------|----|
| IARC group | 2B |
|------------|----|

### Iron (III) Oxide (1309-37-1)

|            |   |
|------------|---|
| IARC group | 3 |
|------------|---|

### Silicon Dioxide, Amorphous (7631-86-9)

|            |   |
|------------|---|
| IARC group | 3 |
|------------|---|

### Talc (14807-96-6)

|            |   |
|------------|---|
| IARC group | 3 |
|------------|---|

### Quartz (14808-60-7)

|   |   |
|---|---|
| IARC group  | 1   |
| Reproductive toxicity                               | : Not classified  |
| Specific target organ toxicity (single exposure)    | : Not classified  |
| Specific target organ toxicity (repeated exposure)  | : Not classified  |
| Aspiration hazard                                   | : Not classified  |
| Potential Adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |
| Symptoms/injuries after inhalation                  | : May cause cancer by inhalation.                                   |
| Symptoms/injuries after skin contact                | : May cause slight irritation.                                      |
| Symptoms/injuries after eye contact                 | : May cause slight eye irritation.                                  |
| Symptoms/injuries after ingestion                   | : May be harmful if swallowed and enters airways.                   |

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Copper, Powder (7440-50-8)

|                         |  |
|-------------------------|--|
| LC50 fish 1             | 200 µg/l (LC50; 96 h; <i>Salmo gairdneri</i> ; Flow-through system; Fresh water)   |
| EC50 Daphnia 1          | 109 - 798 µg/l (EC50; OECD 202: <i>Daphnia sp.</i> Acute Immobilisation Test; 48 h; <i>Daphnia magna</i> ; Static system; Fresh water; Weight of evidence)     |
| Threshold limit algae 1 | 230 µg/l (EC50; OECD 201: <i>Alga, Growth Inhibition Test</i> ; 72 h; <i>Pseudokirchneriella subcapitata</i> ; Static system; Fresh water; Weight of evidence) |

#### Carbon Black (1333-86-4)

|                         |  |
|-------------------------|--|
| LC50 fish 1             | > 1000 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; <i>Brachydanio rerio</i> )   |
| EC50 Daphnia 1          | > 5600 mg/l (EC50; OECD 202: <i>Daphnia sp.</i> Acute Immobilisation Test; 24 h; <i>Daphnia magna</i> ; Static system; Fresh water)                        |
| LC50 fish 2             | 1000 mg/l (LC0; OECD 203: Fish, Acute Toxicity Test; 96 h; <i>Brachydanio rerio</i> ; Semi-static system; Fresh water; Experimental value)                 |
| Threshold limit algae 1 | > 10000 mg/l (EC50; OECD 201: <i>Alga, Growth Inhibition Test</i> ; 72 h; <i>Scenedesmus subspicatus</i> ; Static system; Fresh water; Experimental value) |

#### Epoxy Resins, Liquids, MM<=700 (25068-38-6)

|                |  |
|----------------|--|
| LC50 fish 2    | 2.3 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; <i>Oncorhynchus mykiss</i> ; Semi-static system; Fresh water; Experimental value) |
| EC50 Daphnia 2 | 1.1 - 2.8 mg/l (EC50; Equivalent or similar to OECD 202; 48 h; <i>Daphnia magna</i> ; Static system; Fresh water; Experimental value)        |

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|--|---|
| <b>Titanium (IV) Oxide (13463-67-7)</b>                                    |   |
| EC50 Daphnia 1   | > 100 mg/l (LC50; Equivalent or similar to OECD 202; 48 h; Daphnia magna; Static system; Fresh water; Weight of evidence)                           |
| Threshold limit algae 1  | 61 mg/l (EC50; Other; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)  |
| <b>Iron (III) Oxide (1309-37-1)</b>  |   |
| LC50 fish 1  | > 1000 mg/l (LC50; 48 h)  |
| <b>2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)</b> |   |
| LC50 fish 1  | 3.1 mg/l 96 Hours Freshwater Fish (Pimephales promelas)   |
| EC50 Daphnia 1   | 1.4 mg/l 48 Hours   |
| <b>2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)</b>                   |   |
| EC50 Daphnia 2   | 41.3 mg/l (LC50; 48 h; Daphnia magna)   |
| Threshold limit algae 2  | 84 mg/l (EC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Scenedesmus subspicatus; Static system; Fresh water; Experimental value)               |
| <b>GMP-800 (Trade Secret)</b>  |   |
| LC50 fish 1  | > 100 mg/l  |
| <b>Aluminium Oxide, Activated (1344-28-1)</b>                              |   |
| LC50 fish 1  | > 50 mg/l (NOEC; 96 h; Lepomis cyanellus; Static system; Fresh water)   |
| EC50 Daphnia 1   | 1.4 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)               |
| EC50 Daphnia 2   | 0.34 - 1.02 mg/l (NOEC; US EPA; 6 days; Ceriodaphnia dubia; Semi-static system; Fresh water; Read-across)   |
| Threshold limit algae 1  | >= 0.052 mg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value) |
| Threshold limit algae 2  | > 45.7 mg/l (NOEC; Other; 96 h; Lemna minor; Static system; Fresh water; Read-across)   |
| <b>Silicon Dioxide, Amorphous (7631-86-9)</b>                              |   |
| LC50 fish 1  | > 10000 mg/l (LC50; 96 h)   |
| EC50 Daphnia 1   | > 10000 mg/l (EC50; 24 h)   |
| <b>Zirconium (IV) Oxide (1314-23-4)</b>                                    |   |
| LC50 fish 1  | > 100 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio; Static system; Fresh water; Experimental value)                     |
| EC50 Daphnia 1   | > 100 mg/l (EC50; EU Method C.2; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)   |
| Threshold limit algae 1  | > 200 mg/l (NOEC; Other; 15 days; Chlorella vulgaris; Static system; Fresh water; Read-across)  |
| Threshold limit algae 2  | > 100 mg/l (ErC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Read-across)                  |
| <b>Talc (14807-96-6)</b>   |   |
| LC50 fish 1  | > 100 g/l (LC50; 24 h; Brachydanio rerio)   |
| <b>12.2. Persistence and degradability</b>                                 |   |
| <b>QUIKSTEEL COPPER PUTTY CARD 2 OZ.</b>                                   |   |
| Persistence and degradability  | Not established.  |
| <b>Copper, Powder (7440-50-8)</b>  |   |
| Persistence and degradability  | Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil.  |
| Biochemical oxygen demand (BOD)  | Not applicable  |
| Chemical oxygen demand (COD)   | Not applicable  |
| ThOD   | Not applicable  |
| <b>Carbon Black (1333-86-4)</b>  |   |
| Persistence and degradability  | Biodegradability: not applicable. Biodegradability in soil: not applicable. Adsorbs into the soil.<br>Not established.                              |
| ThOD   | Not applicable  |
| <b>Epoxy Resins, Liquids, MM&lt;=700 (25068-38-6)</b>                      |   |
| Persistence and degradability  | Not readily biodegradable in water. Hydrolysis in water. Low potential for adsorption in soil.  |
| <b>Titanium (IV) Oxide (13463-67-7)</b>                                    |   |
| Persistence and degradability  | Biodegradability: not applicable. Low potential for mobility in soil.   |
| Biochemical oxygen demand (BOD)  | Not applicable  |
| Chemical oxygen demand (COD)   | Not applicable  |
| ThOD   | Not applicable  |

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| Iron (III) Oxide (1309-37-1)  |  |
|---|--|
| Persistence and degradability                                       | Biodegradability: not applicable. Adsorbs into the soil.   |
| Biochemical oxygen demand (BOD)                                     | Not applicable   |
| Chemical oxygen demand (COD)  | Not applicable   |
| ThOD  | Not applicable   |
| CI 77492 (51274-00-1)   |  |
| Persistence and degradability                                       | Not established.   |
| Electronic Grade Resin (28064-14-4)                                 |  |
| Persistence and degradability                                       | Biodegradability in soil: no data available.   |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8) |  |
| Persistence and degradability                                       | Not established.   |
| 2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)                   |  |
| Persistence and degradability                                       | Not readily biodegradable in water. Highly mobile in soil. Low potential for adsorption in soil. |
| DMP-30  |  |
| Persistence and degradability                                       | Biodegradability in soil: no data available.   |
| GMP-800 (Trade Secret)  |  |
| Persistence and degradability                                       | Not established.   |
| Aluminium Oxide, Activated (1344-28-1)                              |  |
| Persistence and degradability                                       | Biodegradability: not applicable. No (test)data on mobility of the substance available.          |
| ThOD  | Not applicable   |
| Silicon Dioxide, Amorphous (7631-86-9)                              |  |
| Persistence and degradability                                       | Biodegradability: not applicable.  |
| Biochemical oxygen demand (BOD)                                     | Not applicable   |
| Chemical oxygen demand (COD)  | Not applicable   |
| ThOD  | Not applicable   |
| Zirconium (IV) Oxide (1314-23-4)                                    |  |
| Persistence and degradability                                       | Biodegradability: not applicable. No (test)data on mobility of the substance available.          |
| ThOD  | Not applicable (inorganic)   |
| Talc (14807-96-6)   |  |
| Persistence and degradability                                       | Biodegradability: not applicable.  |
| Biochemical oxygen demand (BOD)                                     | Not applicable   |
| Chemical oxygen demand (COD)  | Not applicable   |
| ThOD  | Not applicable   |
| Dolomite (16389-88-1)   |  |
| Persistence and degradability                                       | Biodegradability: not applicable.  |
| Biochemical oxygen demand (BOD)                                     | Not applicable   |
| Chemical oxygen demand (COD)  | Not applicable   |
| ThOD  | Not applicable   |
| Magnesium Carbonate (546-93-0)                                      |  |
| Persistence and degradability                                       | Biodegradability: not applicable.  |
| Biochemical oxygen demand (BOD)                                     | Not applicable   |
| Chemical oxygen demand (COD)  | Not applicable   |
| ThOD  | Not applicable   |
| Quartz (14808-60-7)   |  |
| Persistence and degradability                                       | Biodegradability: not applicable.  |
| Biochemical oxygen demand (BOD)                                     | Not applicable   |
| Chemical oxygen demand (COD)  | Not applicable   |
| ThOD  | Not applicable   |
| 12.3. Bioaccumulative potential                                     |  |
| QUIKSTEEL COPPER PUTTY CARD 2 OZ.                                   |  |
| Bioaccumulative potential   | Not established.   |
| Copper, Powder (7440-50-8)  |  |
| Bioaccumulative potential   | Bioaccumulation: not applicable.   |
| Carbon Black (1333-86-4)  |  |
| Bioaccumulative potential   | Not bioaccumulative. Not established.  |

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| <b>Epoxy Resins, Liquids, MM&lt;=700 (25068-38-6)</b>                      |  |
|--|--|
| BCF other aquatic organisms 1  | 3 - 31 (BCF)   |
| Log Pow  | >= 2.918 (Experimental value; EU Method A.8: Partition Coefficient; 25 °C)               |
| Bioaccumulative potential  | Low potential for bioaccumulation (BCF < 500).   |
| <b>Titanium (IV) Oxide (13463-67-7)</b>                                    |  |
| Bioaccumulative potential  | Not bioaccumulative.   |
| <b>Iron (III) Oxide (1309-37-1)</b>  |  |
| Bioaccumulative potential  | No bioaccumulation data available.   |
| <b>CI 77492 (51274-00-1)</b>   |  |
| Bioaccumulative potential  | Not established.   |
| <b>Electronic Grade Resin (28064-14-4)</b>                                 |  |
| Bioaccumulative potential  | No bioaccumulation data available.   |
| <b>2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)</b> |  |
| Bioaccumulative potential  | Not established.   |
| <b>2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)</b>                   |  |
| Log Pow  | 0.77 (Literature; 0.219; Experimental value; Equivalent or similar to OECD 107; 21.5 °C) |
| Bioaccumulative potential  | Low potential for bioaccumulation (Log Kow < 4).   |
| <b>DMP-30</b>  |  |
| Bioaccumulative potential  | No bioaccumulation data available.   |
| <b>GMP-800 (Trade Secret)</b>  |  |
| Bioaccumulative potential  | Not established.   |
| <b>Aluminium Oxide, Activated (1344-28-1)</b>                              |  |
| Bioaccumulative potential  | No bioaccumulation data available.   |
| <b>Silicon Dioxide, Amorphous (7631-86-9)</b>                              |  |
| Bioaccumulative potential  | Not bioaccumulative.   |
| <b>Zirconium (IV) Oxide (1314-23-4)</b>                                    |  |
| BCF other aquatic organisms 1  | 0.64 (BCF; 24 h; Chlorella sp.; Fresh water)   |
| Bioaccumulative potential  | Low potential for bioaccumulation (BCF < 500).   |
| <b>Talc (14807-96-6)</b>   |  |
| Bioaccumulative potential  | Not established.   |
| <b>Dolomite (16389-88-1)</b>   |  |
| Bioaccumulative potential  | No bioaccumulation data available.   |
| <b>Magnesium Carbonate (546-93-0)</b>                                      |  |
| Bioaccumulative potential  | No bioaccumulation data available.   |
| <b>12.4. Mobility in soil</b>  |  |
| <b>Carbon Black (1333-86-4)</b>  |  |
| Ecology - soil   | Not toxic to plants. Not toxic to animals.   |
| <b>Epoxy Resins, Liquids, MM&lt;=700 (25068-38-6)</b>                      |  |
| Surface tension  | 0.0 587-0.0589,20 °C   |
| Log Koc  | log Koc,SRC PCKOCWIN v2.0; 2.65; QSAR  |
| <b>2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)</b>                   |  |
| Log Koc  | Koc,SRC PCKOCWIN v2.0; 20.98; QSAR; log Koc; 1.32; Calculated value                      |

## 12.5. Other adverse effects

Other information : Avoid release to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Ecology - waste materials : Avoid release to the environment.

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### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

US DOT (ground): Not Regulated,

ICAO/IATA (air): Not Regulated,

IMO/IMDG (water): Not Regulated,

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

#### 14.3. Additional information

Other information : No supplementary information available.

#### Overland transport

No additional information available

#### Transport by sea

No additional information available

#### Air transport

No additional information available

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

| QUIKSTEEL COPPER PUTTY CARD 2 OZ.  |  |
|--|--|
| SARA Section 311/312 Hazard Classes  | Immediate (acute) health hazard<br>Delayed (chronic) health hazard |
| <b>Copper, Powder (7440-50-8)</b>  |  |
| Subject to reporting requirements of United States SARA Section 313<br>Listed on the United States TSCA (Toxic Substances Control Act) inventory |  |
| <b>Carbon Black (1333-86-4)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| <b>Electronic Grade Resin (28064-14-4)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| SARA Section 311/312 Hazard Classes  | Immediate (acute) health hazard                                    |
| <b>2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)</b>   |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |
| SARA Section 311/312 Hazard Classes  | Immediate (acute) health hazard                                    |
| <b>GMP-800 (Trade Secret)</b>  |  |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |  |

#### 15.2. International regulations

#### CANADA

| Carbon Black (1333-86-4)   |   |
|--|---|
| Listed on the Canadian DSL (Domestic Substances List)                      |   |
| <b>Electronic Grade Resin (28064-14-4)</b>                                 |   |
| Listed on the Canadian DSL (Domestic Substances List)                      |   |
| WHMIS Classification   | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| <b>2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)</b> |   |
| Listed on the Canadian DSL (Domestic Substances List)                      |   |
| WHMIS Classification   | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |
| <b>GMP-800 (Trade Secret)</b>  |   |
| Listed on the Canadian DSL (Domestic Substances List)                      |   |

#### EU-Regulations

| Carbon Black (1333-86-4)   |   |
|--|---|
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |   |
| <b>Electronic Grade Resin (28064-14-4)</b>   |   |
| WHMIS Classification   | Class D Division 2 Subdivision B - Toxic material causing other toxic effects |

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### 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

### GMP-800 (Trade Secret)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

## Classification according to Regulation (EC) No. 1272/2008 [CLP]

### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

N; R51/53

Full text of R-phrases: see section 16

### 15.2.2. National regulations

#### Carbon Black (1333-86-4)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Korean ECL (Existing Chemicals List)

#### Electronic Grade Resin (28064-14-4)

Listed on the Korean ECL (Existing Chemicals List)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on NZIoC (New Zealand Inventory of Chemicals)

#### 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on KECI (Korean Existing Chemicals Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on NZIoC (New Zealand Inventory of Chemicals)

#### GMP-800 (Trade Secret)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Korean ECL (Existing Chemicals List)

### 15.3. US State regulations

#### QUIKSTEEL COPPER PUTTY CARD 2 OZ.

|   |   |
|---|---|
| U.S. - California - Proposition 65 - Carcinogens List               | No  |
| U.S. - California - Proposition 65 - Developmental Toxicity         | No  |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Female | No  |
| U.S. - California - Proposition 65 - Reproductive Toxicity - Male   | No  |
| State or local regulations  | U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL) |

#### Copper, Powder (7440-50-8)

| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
|---|---|---|---|-----------------------------------|
| No  | No  | No  | No  |                                   |

#### Carbon Black (1333-86-4)

|   |   |   |   |                                   |
|---|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| Yes   | No  | No  | No  |                                   |

#### Epoxy Resins, Liquids, MM<=700 (25068-38-6)

|   |   |  |  |                                   |
|---|---|--|--|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - | U.S. - California - Proposition 65 - Reproductive Toxicity - | Non-significant risk level (NSRL) |
|---|---|--|--|-----------------------------------|

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| Epoxy Resins, Liquids, MM<=700 (25068-38-6)                         |   |   |   |                                   |
|---|---|---|---|-----------------------------------|
|   |   | Female  | Male  |                                   |
| No  | No  | No  | No  |                                   |
| Titanium (IV) Oxide (13463-67-7)                                    |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List               | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No  | No  | No  | No  |                                   |
| Iron (III) Oxide (1309-37-1)  |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List               | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No  | No  | No  | No  |                                   |
| CI 77492 (51274-00-1)   |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List               | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No  | No  | No  | No  |                                   |
| Electronic Grade Resin (28064-14-4)                                 |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List               | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No  | No  | No  | No  |                                   |
| 2,2-Bis-[4-(2,3-Epoxypropoxy) Phenyl] Propane, Polymer (25085-99-8) |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List               | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No  | No  | No  | No  |                                   |
| 2,4,6-Tris (Dimethylaminomethyl) Phenol (90-72-2)                   |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List               | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No  | No  | No  | No  |                                   |
| DMP-30  |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List               | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No  | No  | No  | No  |                                   |
| GMP-800 (Trade Secret)  |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List               | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No  | No  | Yes   | Yes   |                                   |
| Aluminium Oxide, Activated (1344-28-1)                              |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List               | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No  | No  | No  | No  |                                   |

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| <b>Silicon Dioxide, Amorphous (7631-86-9)</b>  |   |   |   |                                   |
|--|---|---|---|-----------------------------------|
| U.S. - California - Proposition 65 - Carcinogens List  | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No   | No  | No  | No  |                                   |
| <b>Zirconium (IV) Oxide (1314-23-4)</b>  |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List  | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No   | No  | No  | No  |                                   |
| <b>Talc (14807-96-6)</b>   |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List  | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No   | No  | No  | No  |                                   |
| <b>Dolomite (16389-88-1)</b>   |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List  | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No   | No  | No  | No  |                                   |
| <b>Magnesium Carbonate (546-93-0)</b>  |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List  | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No   | No  | No  | No  |                                   |
| <b>Quartz (14808-60-7)</b>   |   |   |   |                                   |
| U.S. - California - Proposition 65 - Carcinogens List  | U.S. - California - Proposition 65 - Developmental Toxicity | U.S. - California - Proposition 65 - Reproductive Toxicity - Female | U.S. - California - Proposition 65 - Reproductive Toxicity - Male | Non-significant risk level (NSRL) |
| No   | No  | No  | No  |                                   |
| <b>Carbon Black (1333-86-4)</b>  |   |   |   |                                   |
| State or local regulations   |   |   |   |                                   |
| U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)<br>U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - Massachusetts - Right To Know List |   |   |   |                                   |
| <b>GMP-800 (Trade Secret)</b>  |   |   |   |                                   |
| State or local regulations   |   |   |   |                                   |
| U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)  |   |   |   |                                   |

## SECTION 16: Other information

Indication of changes : Revision - See : \*.

Other information : None.

Full text of H-phrases:

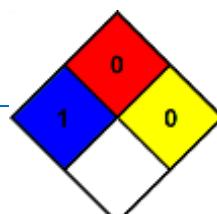
|      |   |
|------|---|
| H302 | Harmful if swallowed                            |
| H315 | Causes skin irritation                          |
| H317 | May cause an allergic skin reaction             |
| H350 | May cause cancer                                |
| H351 | Suspected of causing cancer                     |
| H411 | Toxic to aquatic life with long lasting effects |

NFPA health hazard

: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard

: 0 - Materials that will not burn.



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NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

### HMIS III Rating

|                     |  |
|---------------------|--|
| Health              | : 1 Slight Hazard - Irritation or minor reversible injury possible |
| Flammability        | : 0 Minimal Hazard   |
| Physical            | : 0 Minimal Hazard   |
| Personal Protection | : B  |

SDS US (GHS HazCom 2012) - TCC

*The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product*

*Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.*