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**SAFETY DATA SHEET**

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**Section 1: IDENTIFICATION**

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**1.1 PRODUCT IDENTIFIER**

**Product Name:** CEG-Lite™ 100% Solids Commercial Epoxy Grout Part A

**Product Code:** Not Available

**1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE**

**Product Use:** Epoxy Grout

**1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS**

**Name/Address:** Custom Building Products  
Five Concourse Parkway, Suite 1900  
Atlanta, GA 30328

**Telephone Number:** 1-(800)-272-8786

**1.4 EMERGENCY TELEPHONE NUMBER**

**Emergency Telephone Number:** INFOTRAC 1-800-535-5053 (US and Canada)  
INTERNATIONAL + 1-352-323-3500

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**Section 2: HAZARD(S) IDENTIFICATION**

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**2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR 1910.1200 (OSHA HAZCOM2012)**

|                                                  |             |
|--------------------------------------------------|-------------|
| Acute Toxicity—Dermal                            | Category 4  |
| Acute Toxicity—Oral                              | Category 4  |
| Skin Corrosion                                   | Category 1C |
| Eye Damage                                       | Category 1  |
| Skin Sensitization                               | Category 1  |
| Specific Target Organ Toxicity—Single Exposure   | Category 3  |
| Specific Target Organ Toxicity—Repeated Exposure | Category 1  |
| Carcinogenicity                                  | Category 1A |
| Reproductive Toxicity                            | Category 2  |

**2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012**

**2.2a SIGNAL WORD:**  
DANGER!

**2.2b HAZARD STATEMENTS**  
Harmful in contact with skin  
Harmful if swallowed  
Causes severe skin burns and eye damage  
Causes serious eye damage  
May cause an allergic skin reaction  
May cause respiratory irritation

## SAFETY DATA SHEET

Causes damage to organs through prolonged or repeated inhalation of dust  
 May cause cancer through inhalation of dust  
 Suspected of damaging fertility or the unborn child

### 2.2c HAZARD PICTOGRAMS



### 2.2d PRECAUTIONARY STATEMENTS

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>i. PREVENTION</b> | Wash hands thoroughly after handling. Do not breathe dust/vapors/fumes. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear impervious gloves/protective clothing/eye protection.                                                                                                                                                                                                                                                                                                            |
| <b>ii. RESPONSE</b>  | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.<br>If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: call a poison center/doctor. If swallowed: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: get medical advice/attention. |
| <b>iii. STORAGE</b>  | Store in a well-ventilated place. Store locked up. Keep container tightly closed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>iv. DISPOSAL</b>  | Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### 2.3 ADDITIONAL INFORMATION

#### 2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED

Not Applicable

#### 2.3b UNKNOWN ACUTE TOXICITY

<1% of the mixture consists of ingredient(s) of unknown acute toxicity.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURES

| Chemical Name               | CAS Number | Weight %  |
|-----------------------------|------------|-----------|
| Diethylenetriamine          | 111-40-0   | 10 – 30%* |
| Isophorone Diamine          | 2855-13-2  | 7 – 13%*  |
| Benzyl Alcohol              | 100-51-6   | 5 – 10%*  |
| 4,4'-isopropylidenediphenol | 80-05-7    | 5 – 10%*  |

## SAFETY DATA SHEET

|                            |            |         |
|----------------------------|------------|---------|
| Crystalline Silica, Quartz | 14808-60-7 | 1 – 5%* |
| Tetraethylenepentamine     | 112-57-2   | 1 – 5%* |

\*Means that the component will fall into one the ranges specified due to batch-to-batch variability.

### Section 4: FIRST-AID MEASURES

#### 4.1 DESCRIPTION OF THE FIRST-AID MEASURES

| ROUTES OF EXPOSURE   | DESCRIPTION                                                                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Contact:</b>  | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.                 |
| <b>Skin Contact:</b> | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists. |
| <b>Inhalation:</b>   | If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.                           |
| <b>Ingestion:</b>    | If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.                   |

#### 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

| ROUTES OF EXPOSURE   | DESCRIPTION                                                                                                                                                                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Contact:</b>  | Causes serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.                                                                                                                                          |
| <b>Skin Contact:</b> | Causes severe skin burns. Harmful in contact with skin. Handling can cause dry skin, discomfort, irritation, and dermatitis. May cause sensitization by skin contact.                                                                                                                                  |
| <b>Inhalation:</b>   | May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease. |
| <b>Ingestion:</b>    | Harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.                                                                                                                                                                                                              |

#### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

|                             |                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Note to Physicians:</b>  | Symptoms may not appear immediately.                                                                               |
| <b>Specific Treatments:</b> | In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible). |

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**SAFETY DATA SHEET**

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**Section 5: FIRE-FIGHTING MEASURES**

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**5.1 FLAMMABILITY**

Flammability: Not Flammable/Not Combustible by WHMIS/OSHA HAZCOM2012 Criteria

**5.2 EXTINGUISHING MEDIA****5.2a. Suitable Extinguishing Media:**

Treat for surrounding material.

**5.2b. Unsuitable Extinguishing Media:**

Not Available

**5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL****5.3a. Products of Combustion:**

May include, and are not limited to: oxides of carbon and hydrogen sulfide

**5.3b. Explosion Data****i. Sensitivity to Mechanical Impact:**

Not Available

**ii. Sensitivity to Static Discharge:**

Not Available

**5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS**

Keep upwind of fire. Wear full fire fighting turn-out gear(full bunker gear) and respiratory protection (SCBA).

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**Section 6: ACCIDENTAL RELEASE MEASURES**

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**6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES**

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP****Methods for Containment:**

Recover all usable material. Pick up large pieces, and then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Cleaning-Up:**

Vacuum or sweep material and place in a disposal container. Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

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**Section 7: HANDLING AND STORAGE**

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**7.1 PRECAUTIONS FOR SAFE HANDLING**

## SAFETY DATA SHEET

- Handling:** Use in well-ventilated areas. Wear impervious gloves and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe dust/vapors/fumes. Do not take internally.
- General Hygiene Advice:** Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- Storage:** Keep out of the reach of children. Store locked up. Keep container tightly closed. Store at room temperature and keep containers closed when not in use.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETER

#### Exposure Guidelines:

| Occupational Exposure Limits |                       |                                 |
|------------------------------|-----------------------|---------------------------------|
| Chemical Name                | OSHA-PEL              | ACGIH-TLV                       |
| Diethylenetriamine           | 4 mg/m <sup>3</sup>   | 1 ppm                           |
| Isophorone Diamine           | Not Available         | Not Available                   |
| Benzyl Alcohol               | Not Available         | Not Available                   |
| 4,4'-isopropylidenediphenol  | Not Available         | Not Available                   |
| Crystalline Silica, Quartz   | 0.1 mg/m <sup>3</sup> | 0.025 mg/m <sup>3</sup> (Resp.) |
| Tetraethylenepentamine       | Not Available         | Not Available                   |

### 8.2 EXPOSURE CONTROLS

- Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### 8.3 INDIVIDUAL PROTECTION MEASURES

#### 8.3a. Personal Protective Equipment:

- i. **Eye/Face Protection:** Wear approved eye/face protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]
- ii. **Skin Protection:**
  1. **Hand Protection:** Wear impervious gloves, such as nitrile.
  2. **Body Protection:** Wear suitable protective clothing.
- iii. **Respiratory Protection:** A NIOSH approved respirator or filtering face piece, such as N95, is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained

## SAFETY DATA SHEET

health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

- iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

|                                                  |                                          |
|--------------------------------------------------|------------------------------------------|
| <b>Appearance (physical state, color, etc.):</b> | Colored Liquid(Various Colors)           |
| <b>Odor:</b>                                     | Amine                                    |
| <b>Odor Threshold:</b>                           | Not Available                            |
| <b>pH:</b>                                       | 10.0 – 12.0                              |
| <b>Melting point/Freezing point:</b>             | Not Available                            |
| <b>Initial boiling point and boiling range:</b>  | Not Available                            |
| <b>Flash point:</b>                              | >212°F(>100°C)                           |
| <b>Evaporation rate (Water=1):</b>               | Not Available                            |
| <b>Flammability:</b>                             | Not Flammable/Not Combustible            |
| <b>Upper Flammability/Explosive Limit:</b>       | Not Available                            |
| <b>Lower Flammability/Explosive Limit:</b>       | Not Available                            |
| <b>Vapor Pressure</b>                            | Not Available                            |
| <b>Vapor Density:</b>                            | Not Available                            |
| <b>Relative Density:</b>                         | 1.05 – 1.35 g/mL                         |
| <b>Solubility in Water:</b>                      | Slightly Soluble                         |
| <b>Partition coefficient: n-octanol/water:</b>   | Not Available                            |
| <b>Auto-ignition temperature:</b>                | Not Available                            |
| <b>Decomposition Temperature:</b>                | Not Available                            |
| <b>Viscosity (cps):</b>                          | Not Available                            |
| <b>VOC Content:</b>                              | <50 g/L(When mixed properly with Part B) |

### Section 10: STABILITY AND REACTIVITY

#### 10.1. REACTIVITY

No dangerous reaction known under conditions of normal use.

#### 10.2. CHEMICAL STABILITY

Stable under normal storage conditions. Keep dry in storage.

#### 10.3. POSSIBILITY OF HAZARDOUS REACTION

No dangerous reaction known under conditions of normal use.

#### 10.4. CONDITIONS TO AVOID

Heat. Incompatible materials.

#### 10.5. INCOMPATIBLE MATERIALS

Strong acids. Strong Oxidizers.

#### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Upon decomposition, this product may yield oxides of carbon and hydrogen sulfide.

# SAFETY DATA SHEET

## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. LIKELY ROUTES OF EXPOSURE:

Skin contact, skin absorption, eye contact, inhalation, and ingestion.

### 11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

**Eye Contact:** Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Skin Contact:** Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis. May cause sensitization by skin contact.

**Inhalation:** May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease.

**Ingestion:** May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

| Acute Toxicity(Oral ATE <sub>mix</sub> = 2,491 mg/kg)<br>(Dermal ATE <sub>mix</sub> = 1,493 mg/kg) |                              |                                                       |
|----------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|
| Chemical Name                                                                                      | LC50                         | LD50                                                  |
| Diethylenetriamine                                                                                 | Not Available                | Oral: 2,429 mg/kg, rat<br>Dermal: 1,596 mg/kg, rabbit |
| Isophorone Diamine                                                                                 | Not Available                | Oral: 1,030 mg/kg, rat<br>Dermal: 1,100 mg/kg, rabbit |
| Benzyl Alcohol                                                                                     | Inhalation: 8.8 mg/L, 4h rat | Oral: 1,230 mg/kg, rat                                |
| 4,4'-isopropylidenediphenol                                                                        | Not Available                | Oral: 2,429 mg/kg, rat<br>Dermal: 1,596 mg/kg, rabbit |
| Crystalline Silica, Quartz                                                                         | Not Available                | Oral: >10,000 mg/kg, rat                              |
| Tetraethylenepentamine                                                                             | Not Available                | Oral: 2,429 mg/kg, rat<br>Dermal: 1,596 mg/kg, rabbit |

| Carcinogenicity             |                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------|
| Chemical Name               | Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65) |
| Diethylenetriamine          | Not Listed                                                                        |
| Isophorone Diamine          | Not Listed                                                                        |
| Benzyl Alcohol              | Not Listed                                                                        |
| 4,4'-isopropylidenediphenol | CP65                                                                              |
| Crystalline Silica, Quartz  | N-2, I-1, O-1, ACGIH-A2, CP65                                                     |
| Tetraethylenepentamine      | Not Listed                                                                        |

### 11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

| SHORT-TERM                            |                           |
|---------------------------------------|---------------------------|
| <b>Skin Corrosion/Irritation:</b>     | Causes severe skin burns  |
| <b>Serious Eye Damage/Irritation:</b> | Causes serious eye damage |
| <b>Respiratory Sensitization:</b>     | Not Classified            |

## SAFETY DATA SHEET

|                                          |                                                                          |
|------------------------------------------|--------------------------------------------------------------------------|
| <b>Skin Sensitization:</b>               | May cause an allergic skin reaction                                      |
| <b>STOT-Single Exposure:</b>             | May cause respiratory irritation                                         |
| <b>Aspiration Hazard:</b>                | Not Classified                                                           |
| <b>LONG-TERM</b>                         |                                                                          |
| <b>Carcinogenicity:</b>                  | May cause cancer through inhalation of dust                              |
| <b>Germ Cell Mutagenicity:</b>           | Not Classified                                                           |
| <b>Reproductive Toxicity:</b>            | Suspected of damaging fertility or the unborn child                      |
| <b>STOT-Repeated Exposure:</b>           | Causes damage to organs through prolonged or repeated inhalation of dust |
| <b>Synergistic/Antagonistic Effects:</b> | Not Classified                                                           |

### Section 12: ECOLOGICAL INFORMATION

#### 12.1. ECOTOXICITY

May cause long-term adverse effects to the aquatic environment. Keep from entry into sewers and waterways.

| Ecotoxicity                 |                            |                               |
|-----------------------------|----------------------------|-------------------------------|
| Chemical Name               | EC50/NOEC-48 Hours         | LC50/NOEC-96 Hours            |
| Diethylenetriamine          | 32 mg/L, Daphnia magna     | 430 mg/L, Fish                |
| Isophorone Diamine          | 23 mg/L, Daphnia magna     | 110 mg/L, Fish                |
| Benzyl Alcohol              | 55 mg/L, Daphnia magna     | 10 mg/L, Lepomis macrochirus  |
| 4,4'-isopropylidenediphenol | 7 mg/L, Ceriodaphnia dubia | 7.5 mg/L, Oncorhynchus mykiss |
| Crystalline Silica, Quartz  | Not Available              | Not Available                 |
| Tetraethylenepentamine      | 24.1 mg/L, Daphnia magna   | 420 mg/L, Poecilia reticulata |

#### 12.2. PERSISTENCE AND DEGRADABILITY

Not Available

#### 12.3. BIOACCUMULATIVE POTENTIAL

Not Available

#### 12.4. MOBILITY IN SOIL

Not Available

#### 12.5. OTHER ADVERSE EFFECTS

Not Available

### Section 13: DISPOSAL CONSIDERATIONS

#### 13.1. DISPOSAL METHOD

Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations

#### 13.2. OTHER DISPOSAL CONSIDERATIONS

Not Available

### Section 14: TRANSPORT INFORMATION

| DOT (U.S.) | TDG (CANADA) | IATA       |
|------------|--------------|------------|
| UN NUMBER: | UN NUMBER:   | UN NUMBER: |

## SAFETY DATA SHEET

|                                       |                                       |                                       |
|---------------------------------------|---------------------------------------|---------------------------------------|
| Not Regulated                         | Not Regulated                         | Not Regulated                         |
| <b>UN PROPER SHIPPING NAME:</b>       | <b>UN PROPER SHIPPING NAME:</b>       | <b>UN PROPER SHIPPING NAME:</b>       |
| Not Regulated                         | Not Regulated                         | Not Regulated                         |
| <b>TRANSPORT HAZARD CLASS (ES):</b>   | <b>TRANSPORT HAZARD CLASS (ES):</b>   | <b>TRANSPORT HAZARD CLASS (ES):</b>   |
| Not Regulated                         | Not Regulated                         | Not Regulated                         |
| <b>PACKING GROUP (if applicable):</b> | <b>PACKING GROUP (if applicable):</b> | <b>PACKING GROUP (if applicable):</b> |
| Not Regulated                         | Not Regulated                         | Not Regulated                         |

**SUMMARY:** Product is NOT regulated under DOT/TDG regulations.

### 14.1. ENVIRONMENTAL HAZARDS

Not Available

### 14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not Available

### 14.3. SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

## Section 15: REGULATORY INFORMATION

### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

**Canada:** This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.

**US:** SDS prepared pursuant to the Hazard Communication Standard (29 CFR 1910.1200) HazCom 2012

### 15.2. US FEDERAL INFORMATION:

| CHEMICAL NAME               | SARA TITLE III              |                          |                 |                   |
|-----------------------------|-----------------------------|--------------------------|-----------------|-------------------|
|                             | SECTION 302 (EHS) TPQ (LBS) | SECTION 304 EHS RQ (LBS) | CERCLA RQ (LBS) | SECTION 313 (TRI) |
| Diethylenetriamine          | Not Listed                  | Not Listed               | Not Listed      | Not Listed        |
| Isophorone Diamine          | Not Listed                  | Not Listed               | Not Listed      | Not Listed        |
| Benzyl Alcohol              | Not Listed                  | Not Listed               | Not Listed      | Not Listed        |
| 4,4'-isopropylidenediphenol | Not Listed                  | Not Listed               | Not Listed      | Listed            |
| Crystalline Silica, Quartz  | Not Listed                  | Not Listed               | Not Listed      | Not Listed        |
| Tetraethylenepentamine      | Not Listed                  | Not Listed               | Not Listed      | Not Listed        |

### 15.3. US STATE RIGHT TO KNOW LAWS:

|                                   |                                                                                                                                                                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>California Proposition 65:</b> |  <b>WARNING:</b> This product can expose you to chemicals including Crystalline Silica, which is known to the State of California to cause |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SAFETY DATA SHEET

|                                                 |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                 | cancer, and 4-4'-isopropylidenediphenol, which is known to the State of California to cause birth defects or other reproductive harm, and Benzene which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| <b>Other U.S. States "Right to Know" Lists:</b> |                                                                                                                                                                                                                                                                                                                                                         |
| <b>New Jersey:</b>                              | Diethylenetriamine: <b>CAS#111-40-0</b><br>Isophorone Diamine: <b>CAS#2855-13-2</b><br>Silica, Quartz: <b>CAS#14808-60-7</b><br>Benzyl Alcohol: <b>CAS#100-51-6</b><br>Titanium Dioxide: <b>CAS#13463-67-7</b>                                                                                                                                          |
| <b>Pennsylvania:</b>                            | Diethylenetriamine: <b>CAS#111-40-0</b><br>Isophorone Diamine: <b>CAS#2855-13-2</b><br>Silica, Quartz: <b>CAS#14808-60-7</b><br>Benzyl Alcohol: <b>CAS#100-51-6</b><br>Titanium Dioxide: <b>CAS#13463-67-7</b>                                                                                                                                          |
| <b>Massachusetts:</b>                           | Diethylenetriamine: <b>CAS#111-40-0</b><br>Isophorone Diamine: <b>CAS#2855-13-2</b><br>Silica, Quartz: <b>CAS#14808-60-7</b><br>Benzyl Alcohol: <b>CAS#100-51-6</b><br>Titanium Dioxide: <b>CAS#13463-67-7</b>                                                                                                                                          |
| <b>Minnesota:</b>                               | Diethylenetriamine: <b>CAS#111-40-0</b><br>Isophorone Diamine: <b>CAS#2855-13-2</b><br>Silica, Quartz: <b>CAS#14808-60-7</b><br>Benzyl Alcohol: <b>CAS#100-51-6</b><br>Titanium Dioxide: <b>CAS#13463-67-7</b>                                                                                                                                          |
| <b>Florida:</b>                                 | Not Available                                                                                                                                                                                                                                                                                                                                           |
| <b>Michigan:</b>                                | Not Available                                                                                                                                                                                                                                                                                                                                           |

### 15.4. GLOBAL INVENTORIES

| Chemical Name               | USA TSCA | Canada DSL/NDSL |
|-----------------------------|----------|-----------------|
| Diethylenetriamine          | Yes      | DSL             |
| Isophorone Diamine          | Yes      | DSL             |
| Benzyl Alcohol              | Yes      | DSL             |
| 4,4'-isopropylidenediphenol | Yes      | DSL             |
| Crystalline Silica, Quartz  | Yes      | DSL             |
| Tetraethylenepentamine      | Yes      | DSL             |

## SAFETY DATA SHEET

### 15.5. NFPA AND HMIS RATINGS:

**HEALTH HAZARD**

**4 EXTREME** - Highly toxic - May be fatal on short-term exposure.

**3 SERIOUS** - Toxic - Full protective suit and breathing apparatus should be worn.

**2 MODERATE** - Breathing apparatus and face mask must be worn.

**1 SLIGHT** - Breathing apparatus may be worn.

**0 MINIMAL** - No precautions necessary.

**FLAMMABILITY HAZARD**

**4 EXTREME** - Extremely flammable gas or liquid. Flash Point below 73°F.

**3 SERIOUS** - Flammable. Flash Point 73°F to 100°F.

**2 MODERATE** - Combustible. Requires moderate heating to ignite. Flash Point below 200°F.

**1 SLIGHT** - Slightly combustible. Requires strong heating to ignite.

**0 MINIMAL** - Will not burn under normal conditions.

**SPECIFIC HAZARD**

OXIDIZER **OX**

ACID **AC**

ALKALI **ALK**

CORROSIVE **COR**

Use NO WATER **W**

RADIATION ☢

**INSTABILITY HAZARD**

**4 EXTREME** - Explosive at room temperature.

**3 SERIOUS** - May detonate if shocked or heated under confinement or mixed with water.

**2 MODERATE** - Unstable. May react with water.

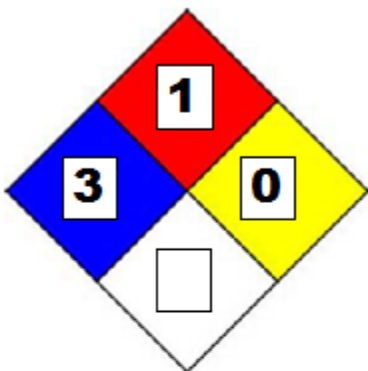
**1 SLIGHT** - May react if heated or mixed with water.

**0 MINIMAL** - Normally stable. Does not react with water.

**Hazard Index**

|          |                        |
|----------|------------------------|
| <b>4</b> | <b>Severe Hazard</b>   |
| <b>3</b> | <b>Serious Hazard</b>  |
| <b>2</b> | <b>Moderate Hazard</b> |
| <b>1</b> | <b>Slight Hazard</b>   |

**NFPA**



**HMIS**

**3 HEALTH**

**1 FLAMMABILITY**

**0 REACTIVITY**

**H PERSONAL PROTECTION**

**PROTECTIVE EQUIPMENT INDEX**

|          |                                                                 |
|----------|-----------------------------------------------------------------|
| <b>A</b> | <b>G</b>                                                        |
| <b>B</b> | <b>H</b>                                                        |
| <b>C</b> | <b>I</b>                                                        |
| <b>D</b> | <b>J</b>                                                        |
| <b>E</b> | <b>K</b>                                                        |
| <b>F</b> | <b>X</b> Ask your supervisor for special handling instructions. |

### 15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CP65</b>      | California Proposition 65                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>OSHA (O)</b>  | Occupational Safety and Health Administration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACGIH (G)</b> | American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> <li>A1 – Confirmed human carcinogen</li> <li>A2 – Suspected human carcinogen</li> <li>A3 – Animal carcinogen</li> <li>A4 – Not classifiable as a human carcinogen</li> <li>A5 – Not suspected a human carcinogen</li> </ul>                                                                                                                                                                                                                                                                                                                    |
| <b>IARC (I)</b>  | International Agency for Research on Cancer <ul style="list-style-type: none"> <li>1 – The agent (mixture) is carcinogenic to humans</li> <li>2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.</li> <li>2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.</li> <li>3 – The agent (mixture, exposure circumstance) is not classifiable</li> </ul> |

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**SAFETY DATA SHEET**

|                |                                                                                                                                                                               |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                | as to its carcinogenicity to humans. <ul style="list-style-type: none"><li>• 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.</li></ul> |
| <b>NTP (N)</b> | National Toxicology Program <ul style="list-style-type: none"><li>• 1 – Known to be carcinogens</li><li>• 2 – Reasonably anticipated to be carcinogens</li></ul>              |

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**Section 16: OTHER INFORMATION**

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**Disclaimer:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

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**End of Safety Data Sheet**