1.1 PRODUCT IDENTIFIER

Product Name: ReliaBond® Professional Tile Adhesive

Product Code: Not Available

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Product Use: Adhesive

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

Section 2: HAZARD(S) IDENTIFICATION

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

Carcinogenicity Category 1A
Specific Target Organ Toxicity—Repeated Exposure Category 2

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD:
DANGER!

2.2b HAZARD STATEMENTS
May cause cancer through inhalation of dust
May cause damage to organs through prolonged or repeated exposure

2.2c HAZARD PICTOGRAMS

2.2d PRECAUTIONARY STATEMENTS

i. PREVENTION
Wash hands thoroughly after handling. Do not breathe dust/fume/vapor. 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.

### ii. RESPONSE

If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. 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.

### iii. STORAGE

Store in a well-ventilated place. Keep container tightly closed.

### iv. DISPOSAL

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

3.8% of the mixture consists of ingredient(s) of unknown acute toxicity.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 MIXTURES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>1317-65-3</td>
<td>30 – 60%*</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>107-21-1</td>
<td>1 – 5%*</td>
</tr>
<tr>
<td>Petroleum Distillates</td>
<td>64742-88-7 / 64742-47-8</td>
<td>0.5 – 1.5%*</td>
</tr>
<tr>
<td>Crystalline Silica, Quartz</td>
<td>14808-60-7</td>
<td>0.1 – 1%*</td>
</tr>
</tbody>
</table>

*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

<table>
<thead>
<tr>
<th>ROUTES OF EXPOSURE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact:</td>
<td>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.</td>
</tr>
<tr>
<td>Skin Contact:</td>
<td>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.</td>
</tr>
</tbody>
</table>
Inhalation: 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.

Ingestion: 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

<table>
<thead>
<tr>
<th>ROUTES OF EXPOSURE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact:</td>
<td>May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.</td>
</tr>
<tr>
<td>Skin Contact:</td>
<td>May cause skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis.</td>
</tr>
<tr>
<td>Inhalation:</td>
<td>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.</td>
</tr>
<tr>
<td>Ingestion:</td>
<td>May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.</td>
</tr>
</tbody>
</table>

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Note to Physicians: Symptoms may not appear immediately.

Specific Treatments: In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5: FIRE-FIGHTING MEASURES

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

5.3b. Explosion Data
SAFETY DATA SHEET

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).

Section 6: ACCIDENTAL RELEASE MEASURES

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: Prevent further leakage or spillage if safe to do so. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

   Methods for Cleaning-Up: Pick up and transfer to properly labeled containers. Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

Section 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING
   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/fume/vapor. 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. 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
SAFETY DATA SHEET

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>OSHA-PEL</th>
<th>ACGIH-TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>5 mg/m³ (Resp.)</td>
<td>5 mg/m³ (Resp.)</td>
</tr>
<tr>
<td></td>
<td>15 mg/m³ (Total)</td>
<td></td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>50 ppm</td>
<td>50 ppm</td>
</tr>
<tr>
<td>Petroleum Distillates</td>
<td>200 mg/m³</td>
<td>200 mg/m³</td>
</tr>
<tr>
<td>Crystalline Silica, Quartz</td>
<td>0.1 mg/m³</td>
<td>0.025 mg/m³ (Resp.)</td>
</tr>
</tbody>
</table>

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 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 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance (physical state, color, etc.)</td>
<td>White Paste</td>
</tr>
<tr>
<td>Odor</td>
<td>Latex</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not Available</td>
</tr>
<tr>
<td>pH</td>
<td>8.50 – 9.30</td>
</tr>
<tr>
<td>Melting point/Freezing point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not Available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Evaporation rate (Water=1)</td>
<td>Not Available</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not Flammable/Not Combustible</td>
</tr>
<tr>
<td>Upper Flammability/Explosive Limit</td>
<td>Not Available</td>
</tr>
<tr>
<td>Lower Flammability/Explosive Limit</td>
<td>Not Available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not Available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.39 – 1.44 g/mL</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Slightly Soluble</td>
</tr>
</tbody>
</table>
Partition coefficient: n-octanol/water: Not Available
Auto-ignition temperature: Not Available
Decomposition Temperature: Not Available
Viscosity (cps): Not Available
VOC Content: 60 g/L

Section 10: STABILITY AND REACTIVITY

10.1. REACTIVITY
No dangerous reaction known under conditions of normal use.

10.2. CHEMICAL STABILITY
Stable under recommended storage conditions.

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 and oxidizing agents.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS
Upon decomposition, this product may yield oxides of carbon.

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: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Skin Contact: May cause skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis.

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Toxicity (ATE_{ave} = 6,450 mg/kg)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

Calcium Carbonate | Not Available | Oral: 6,450 mg/kg, rat
Ethylene Glycol | Inhalation: >2.5 mg/L, rat | Oral: 4,700 mg/kg, rat
Petroleum Distillates | Inhalation: >5000 ppm, rat | Oral: >5,000 mg/kg, rat
Crystalline Silica, Quartz | Not Available | Oral: >10,000 mg/kg, rat

Carcinogenicity

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Chemical Listed as Carcinogens or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>ACGIH-A4</td>
</tr>
<tr>
<td>Petroleum Distillates</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Crystalline Silica, Quartz</td>
<td>N-2, I-1, O-1, ACGIH-A2, CP65</td>
</tr>
</tbody>
</table>

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

SHORT-TERM

Skin Corrosion/Irritation: May cause skin irritation
Serious Eye Damage/Irritation: May cause eye irritation
Respiratory Sensitization: Not Classified
Skin Sensitization: Not Classified
STOT-Single Exposure: May cause respiratory irritation
Aspiration Hazard: Not Classified

LONG-TERM

Carcinogenicity: May cause cancer through inhalation of dust
Germ Cell Mutagenicity: Not Classified
Reproductive Toxicity: Not Classified
STOT-Repeated Exposure: Causes damage to organs through prolonged or repeated exposure
Synergistic/Antagonistic Effects: 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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>EC50/NOEC-48 Hours</th>
<th>LC50/NOEC-96 Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>Not Available</td>
<td>18,500 mg/L, Oncorhynchus mykiss</td>
</tr>
<tr>
<td>Petroleum Distillates</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Crystalline Silica, Quartz</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

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
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

<table>
<thead>
<tr>
<th>DOT (U.S.)</th>
<th>TDG (CANADA)</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN NUMBER:</td>
<td>UN NUMBER:</td>
<td>UN NUMBER:</td>
</tr>
<tr>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>UN PROPER SHIPPING NAME:</td>
<td>UN PROPER SHIPPING NAME:</td>
<td>UN PROPER SHIPPING NAME:</td>
</tr>
<tr>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>TRANSPORT HAZARD CLASS (ES):</td>
<td>TRANSPORT HAZARD CLASS (ES):</td>
<td>TRANSPORT HAZARD CLASS (ES):</td>
</tr>
<tr>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
<tr>
<td>PACKING GROUP (if applicable):</td>
<td>PACKING GROUP (if applicable):</td>
<td>PACKING GROUP (if applicable):</td>
</tr>
<tr>
<td>Not Regulated</td>
<td>Not Regulated</td>
<td>Not Regulated</td>
</tr>
</tbody>
</table>

SUMMARY: Product is NOT regulated under DOT/TDG and other transportation 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.


15.2. US FEDERAL INFORMATION:
15.3. US STATE RIGHT TO KNOW LAWS:

California Proposition 65:

**WARNING:** This product can expose you to chemicals including crystalline silica, which is known to the State of California to cause cancer, and ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Other U.S. States “Right to Know" Lists:

- **New Jersey:**
  - Calcium Carbonate: CAS#1317-65-3
  - Ethylene Glycol: CAS#107-21-1
  - Petroleum Distillate: CAS#64742-88-7
  - Silica, Quartz: CAS#14808-60-7

- **Pennsylvania:**
  - Calcium Carbonate: CAS#1317-65-3
  - Ethylene Glycol: CAS#107-21-1
  - Petroleum Distillate: CAS#64742-88-7
  - Petroleum Distillate: CAS#64742-47-8
  - Silica, Quartz: CAS#14808-60-7

- **Massachusetts:**
  - Calcium Carbonate: CAS#1317-65-3
  - Ethylene Glycol: CAS#107-21-1
  - Petroleum Distillate: CAS#64742-88-7
  - Petroleum Distillate: CAS#64742-47-8
  - Silica, Quartz: CAS#14808-60-7

- **Minnesota:**
  - Calcium Carbonate: CAS#1317-65-3
  - Ethylene Glycol: CAS#107-21-1
  - Petroleum Distillate: CAS#64742-88-7
  - Petroleum Distillate: CAS#64742-47-8
  - Silica, Quartz: CAS#14808-60-7

- **Florida:** Not Available
- **Michigan:** Not Available

15.4. GLOBAL INVENTORIES

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>USA TSCA</th>
<th>Canada DSL/NDSL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>Yes</td>
<td>NDSSL</td>
</tr>
<tr>
<td>Ethylene Glycol</td>
<td>Yes</td>
<td>DSL</td>
</tr>
<tr>
<td>Petroleum Distillates</td>
<td>Yes</td>
<td>DSL</td>
</tr>
<tr>
<td>Crystalline Silica, Quartz</td>
<td>Yes</td>
<td>DSL</td>
</tr>
</tbody>
</table>
15.5. NFPA AND HMIS RATINGS:

![NFPA and HMIS Diagram]

15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

<table>
<thead>
<tr>
<th>Source</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP65</td>
<td>California Proposition 65</td>
</tr>
<tr>
<td>OSHA (O)</td>
<td>Occupational Safety and Health Administration</td>
</tr>
<tr>
<td>ACGIH (G)</td>
<td>American Conference of Governmental Industrial Hygienists</td>
</tr>
<tr>
<td></td>
<td>• A1 – Confirmed human carcinogen</td>
</tr>
<tr>
<td></td>
<td>• A2 – Suspected human carcinogen</td>
</tr>
<tr>
<td></td>
<td>• A3 – Animal carcinogen</td>
</tr>
<tr>
<td></td>
<td>• A4 – Not classifiable as a human carcinogen</td>
</tr>
<tr>
<td></td>
<td>• A5 – Not suspected a human carcinogen</td>
</tr>
<tr>
<td>IARC (I)</td>
<td>International Agency for Research on Cancer</td>
</tr>
<tr>
<td></td>
<td>• 1 – The agent (mixture) is carcinogenic to humans</td>
</tr>
<tr>
<td></td>
<td>• 2A – The agent (mixture) is probably carcinogenic to humans; there</td>
</tr>
</tbody>
</table>

ReliaBond® Professional Tile Adhesive
is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

- 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.
- 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.
- 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program
- 1 – Known to be carcinogens
- 2 – Reasonably anticipated to be carcinogens

Section 16: OTHER INFORMATION

Date of Preparation: September 16, 2014

Version: 2.1

Revision Date: September 12, 2017

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.

Prepared by: Custom Building Products
Phone: (562)-968-2980
www.custombuildingproducts.com

End of Safety Data Sheet