## SAFETY DATA SHEET

## **Section 1: IDENTIFICATION**

#### 1.1 PRODUCT IDENTIFIER

**Product Name:** 

T1-60™ Ceramic Tile Adhesive

**Product Code:** 

Not Available

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

**Product Use:** 

Ceramic Tile Adhesive

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

Name/Address:

**Custom Building Products** 

3490 Piedmont Road, Suite 1300

Atlanta, GA 30305

**Telephone Number:** 

(562)-598-8808

#### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone** 

INFOTRAC 1-800-535-5053 (US and Canada)

Number:

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

STOT-RE

Category 1A Category 2

## 2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a **SIGNAL WORD:** 

DANGER!

#### 2.2b **HAZARD STATEMENTS**

May cause cancer

Causes damage to organs through prolonged or repeated exposure

#### HAZARD PICTOGRAMS





#### 2.2d PRECAUTIONARY STATEMENTS

i.	PREVENTION	Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. 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 protective gloves/protective clothing/eye protection/face protection.
îi.	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 exposed or concerned: get medical advice/attention.
iii,	STORAGE	Store locked up. 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

4.5% 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 %
Calcium Carbonate	1317-65-3	30 – 60%*
Ethylene Glycol	107-21-1	1 – 5%*
Petroleum Distillates	64742-88-7 / 64742-47-8	0.1 – 1%*
Crystalline Silica, Quartz	14808-60-7	0.1 – 1%*

<sup>\*</sup>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

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ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	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.
Skin Contact:	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.
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

ROUTES OF EXPOSURE	DESCRIPTION
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.

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

Not applicable

## **Section 5: FIRE-FIGHTING MEASURES**

## **5.1 FLAMMABILITY**

Flammability:

Not Flammable by WHMIS/OSHA HAZCOM2012 Criteria

## **5.2 EXTINGUISHING MEDIA**

5.2a. Suitable Extinguishing Media:

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Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

#### 5.2b. Unsuitable Extinguishing Media:

CAUTION: Use of water spray when fighting fire may be inefficient

#### 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

i. Sensitivity to Mechanical Impact:

Not available.

ii. Sensitivity to Static Discharge:

Not available.

## **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

#### Section 7: HANDLING AND STORAGE

## 7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: Use in well-ventilated areas. Wear chemical resistant 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 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. Keep container tightly closed.

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Store locked up. 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			
Calcium Carbonate	5 mg/m³ (Resp.) 15 mg/m³ (Total)	5 mg/m³ (Resp.)	
Ethylene Glycol	50 ppm	50 ppm	
Petroleum Distillates	200 mg/m <sup>3</sup>	200 mg/m <sup>3</sup>	
Crystalline Silica, Quartz	0.1 mg/m³	0.025 mg/m <sup>3</sup>	

#### **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 chemical resistant gloves.
    - 2. Body Protection: Wear suitable protective clothing
  - iii. Respiratory Protection: A NIOSH approved dust mask or filtering face piece 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

Appearance (physical state, color, etc.):	White Paste
Odor:	Latex
Odor Threshold:	Not available

Conforms to OSHA HazCom 2012 Standard and WHMIS

pH:	8.50 – 9.30
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	Not available
Evaporation rate (Water=1):	Not available
Flammability:	Not flammable
Upper Flammability/Explosive Limit:	Not available
Lower Flammability/Explosive Limit:	Not available
Vapor Pressure	Not available
Vapor Density:	Not available
Relative Density:	1.20 – 1.35 g/mL
Solubility in Water:	Slightly Soluble
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition Temperature:	Not available
Viscosity (cps):	Not available
VOC Content:	65 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,



## SAFETY DATA SHEET

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.

Acute Toxicity  Total ATE mix (oral) = 8073 mg/kg			
Chemical Name	LC50	LD50	
Calcium Carbonate	Not available	Oral: > 5,000 mg/kg, rat	
Ethylene Glycol	Inhalation: >2.5 mg/L, rat	Oral: 4,700 mg/kg, rat	
Petroleum Distillates	Inhalation: > 5000ppm, rat	Oral: > 5,000 mg/kg, rat	
Crystalline Silica, Quartz	Not available	Not available	

Carcinogenicity			
Chemical Name	Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65)		
Calcium Carbonate	Not Listed		
Ethylene Glycol	G-A4		
Petroleum Distillates	Not Listed		
Crystalline Silica, Quartz	N-A2, I-1, O-1, ACGIH-A2, CP65		

## 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 available
Skin Sensitization:	Not available
STOT-Single Exposure:	Not available
Aspiration Hazard:	Not available
LONG-TERM	
Carcinogenicity:	May cause cancer
Germ Cell Mutagenicity:	Not available
Reproductive Toxicity:	Not available
STOT-Repeated Exposure:	Causes damage to organs through prolonged or repeated exposure
Synergistic/Antagonistic Effects:	Not available



## **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
Calcium Carbonate	Not available	Not available
Ethylene Glycol	Not available	Not available
Petroleum Distillates	Not available	Not available
Crystalline Silica, Quartz	Not available	Not available

#### 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)
UN NUMBER:	UN NUMBER:
Not regulated	Not regulated
UN PROPER SHIPPING NAME:	UN PROPER SHIPPING NAME:
Not regulated	Not regulated
TRANSPORT HAZARD CLASS (ES):	TRANSPORT HAZARD CLASS (ES):



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Not regulated	Not regulated
PACKING GROUP (if applicable):	PACKING GROUP (if applicable):
Not regulated	Not regulated

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 Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**US:** SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

#### 15.2. US FEDERAL INFORMATION:

		SARA TIT	LE III communica	
CHEMICAL NAME	SECTION 302 (EHS) TPQ (LBS)	SECTION 304 EHS RQ (LBS)	CERCLA RQ (LBS)	SECTION 313 (TRI)
Calcium Carbonate	Not Listed	Not Listed	Not Listed	Not Listed
Ethylene Glycol	Not Listed	Not Listed	5,000	313
Petroleum Distillates	Not Listed	Not Listed	Not Listed	Not Listed
Crystalline Silica, Quartz	Not Listed	Not Listed	Not Listed	Not Listed

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

California Proposition 65:	WARNING! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm
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 Petroleum Distillate: CAS#64742-47-8

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	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

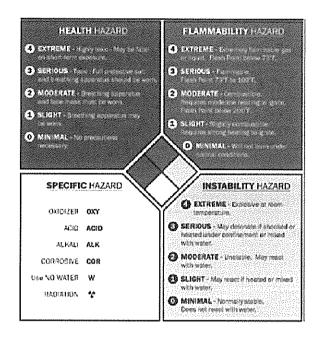
## 15.4. GLOBAL INVENTORIES

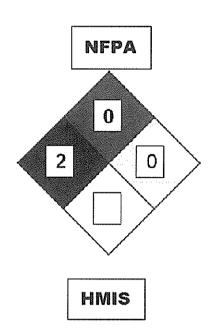
Chemical Name	USA TSCA	Canada DSL/NDSL
Calcium Carbonate	Yes	NDSL(*)
Ethylene Glycol	Yes	DSL
Petroleum Distillates	Yes	DSL
Crystalline Silica, Quartz	Yes	DSL

\*Exemption: Natural occurring chemical

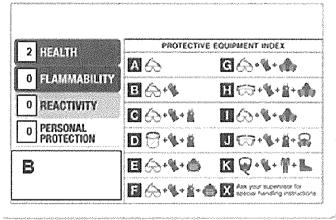


#### 15.5. NFPA AND HMIS RATINGS:





Hazard Index	
4	Severe Hazard
3	Serious Hazard
2	Moderate Hazard
1	Slight Hazard



#### 15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65	California Proposition 65
OSHA (O)	Occupational Safety and Health Administration
ACGIH (G)	American Conference of Governmental Industrial Hygienists
	<ul> <li>A1 – Confirmed human carcinogen</li> </ul>
	<ul> <li>A2 – Suspected human carcinogen</li> </ul>
	A3 – Animal carcinogen
	<ul> <li>A4 – Not classifiable as a human carcinogen</li> </ul>
	A5 – Not suspected a human carcinogen
IARC (I)	International Agency for Research on Cancer
	<ul> <li>1 – The agent (mixture) is carcinogenic to humans</li> </ul>



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	<ul> <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 as to its carcinogenicity to humans.</li> <li>4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.</li> </ul>
NTP (N)	National Toxicology Program
	<ul> <li>1 – Known to be carcinogens</li> </ul>
1	<ul> <li>2 – Reasonably anticipated to be carcinogens</li> </ul>

## **Section 16: OTHER INFORMATION**

Date of Preparation:

January 16, 2015

Version:

2.0

**Revision Date:** 

June 17, 2016

**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:

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www.custombuildingproducts.com

**End of Safety Data Sheet**