

# MATERIAL SAFETY DATA SHEET

## ReliaBond ES Extended Set Ceramic Tile Adhesive

### HMIS

|                     |   |
|---------------------|---|
| HEALTH              | 1 |
| FLAMMABILITY        | 0 |
| REACTIVITY          | 0 |
| PERSONAL PROTECTION | B |

### 1. Product And Company Identification

#### Supplier

CUSTOM BUILDING PRODUCTS  
13001 Seal Beach Blvd.  
Seal Beach, CA 90740 UNITED STATES

Company Contact: Michael Green  
Telephone Number: (562) 968-2980 Ext 115  
FAX Number: (562) 903-2697  
E-Mail: michaelg@cbpmail.net  
Web Site: www.custombuildingproducts.com

#### Manufacturer

CUSTOM BUILDING PRODUCTS  
13001 Seal Beach Blvd.  
Seal Beach, CA 90740 UNITED STATES

Company Contact: Michael Green  
Telephone Number: (562) 968-2980 Ext 115  
FAX Number: (562) 903-2697  
E-Mail: michaelg@cbpmail.net  
Web Site: www.custombuildingproducts.com

#### Supplier Emergency Contacts & Phone Number

Infotrac: (800)-535-5053  
Michael Green: (562) 968-2980 Ext 115

#### Manufacturer Emergency Contacts & Phone Number

Infotrac: (800)-535-5053  
Michael Green: (562) 968-2980 Ext 115

Issue Date: 05/15/2009

Product Name: ReliaBond ES Extended Set Ceramic Tile Adhesive

CAS Number: Not Established

Chemical Formula: Mixture

MSDS Number: 666

Product Code: 1028.Rv.Comb.VOC

### 2. Composition/Information On Ingredients

| Ingredient Name                    | CAS Number  | Percent Of Total Weight |
|------------------------------------|-------------|-------------------------|
| ACRYLIC Copolymer                  | Proprietary | 5 - 15                  |
| ETHYLENE GLYCOL                    | 107-21-1    | 0 - 5                   |
| MINERAL SPIRITS - STODDARD SOLVENT | 8052-41-3   | 1 - 5                   |
| Calcium Carbonate                  | 1317-65-3   | 55 - 65                 |

### 3. Hazards Identification

#### Primary Routes(s) Of Entry

Eye and Skin Contact. Inhalation. Ingestion.

#### Eye Hazards

Causes eye irritation.

#### Skin Hazards

May cause skin irritation. Contains components which may pass into body through skin.

#### Ingestion Hazards

Harmful if swallowed. May cause gastrointestinal irritation, nausea and vomiting. Contains Ethylene Glycol - ingestion of large amounts of this chemical caused liver, kidney and brain damage.

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### 3. Hazards Identification - Continued

#### Inhalation Hazards

May cause nose, throat, and lung irritation.

#### Chronic/Carcinogenicity Effects

May contain trace amounts of chemicals that IARC classifies as possible carcinogens.

#### Teratogenicity (Birth Defects)

May contain trace amounts of chemicals that caused birth defects in animal studies. It did not cause harm to the animal or fetus when applied on skin.

#### Reproductive Effects

May contain trace amounts of chemicals that caused birth defects in animal studies. It did not cause harm to the animal or fetus when applied on skin.

#### Mutagenicity (Genetic Effect)

May contain trace amounts of chemicals that caused birth defects in animal studies. It did not cause harm to the animal or fetus when applied on skin.

#### Conditions Aggravated By Overexposure

May cause eye and skin irritation. May cause nose, throat and lung irritation. May cause gastronomic disturbances.

### 4. First Aid Measures

#### Eye

Gently blot or wipe any residue remaining on the face, being careful not to get it in the victim's eyes or skin. Hold eyelids apart and immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

#### Skin

Remove excess from the skin. Wash skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Thoroughly clean before reuse. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

#### Ingestion

If victim is fully conscious, give one or two cups of water or milk to drink. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately. If there is any discomfort from ingestion, consult a physician.

#### Inhalation

If inhaled, remove to fresh air. Get medical attention immediately.

### 5. Fire Fighting Measures

**Flash Point:** NONE °F

**Flash Point Method:** NONE

**Lower Explosive Limit:** N/A

**Upper Explosive Limit:** N/A

#### Fire And Explosion Hazards

Material will not burn until all water has evaporated. Cans may burst open and splatter material if temperatures reach 212 deg F and above.

#### Extinguishing Media

Foam, CO2, Dry chemical, Water fog.

#### Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

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### 6. Accidental Release Measures

Clean up spill immediately. Cover with absorbent to contain. Collect and dispose. Use appropriate containers to avoid environmental contamination. Avoid runoff to waterways and sewers. Avoid release to the environment. Use appropriate personal protective equipment (PPE).

### 7. Handling And Storage

#### Handling And Storage Precautions

Store in cool, dry areas away from sunlight, heat and heat sources. Protect from freezing.

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling. Use good personal hygiene. Observe good housekeeping practices.

### 8. Exposure Controls/Personal Protection

#### Eye/Face Protection

Safety glasses with side shields or goggles recommended.

#### Skin Protection

Chemical-resistant gloves.

#### Respiratory Protection

General room ventilation is normally adequate. In case of inadequate ventilation, use NIOSH-approved respirator.

#### Other/General Protection

General ventilation is usually sufficient. Fan or other device maybe needed if used in small and enclosed areas.

#### Ingredient(s) - Exposure Limits

ETHYLENE GLYCOL

OSHA VPEL - 50.000 ppm - Ceiling

ACGIH TLV - 100.000 mg /m3 Ceiling as aerosol

MINERAL SPIRITS - STODDARD SOLVENT

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 500 ppm

OSHA VPEL - TWA 100 ppm

Calcium Carbonate

OSHA - PEL - TWA - 15mg/m3

Niosh - REL 10 mg/m3

ACGIH- TLV - 10 mg/m3

OSHA - PEL - TWA - 5 mg/m3

Adequate clothing to prevent skin contact.

### 9. Physical And Chemical Properties

#### Appearance

White paste

#### Odor

Mild acrylic odor.

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** 212 °F

**Specific Gravity:** 1.6

**Vapor Density:** HEAVIER THAN AIR

**Solubility:** Dilutable in water

**Evaporation Rate:** Slower than ether

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### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Incompatible Materials**

Avoid contact with strong oxidizers.

**Hazardous Decomposition Products**

Thermal decomposition in air may result in carbon monoxide and / or carbon dioxide.

**Conditions To Avoid (Polymerization)**

Hazardous polymerization will not occur. Heat may cause pressure build-up in closed containers

### 11. Toxicological Information

**Chronic/Carcinogenicity**

May contain trace amounts of chemicals that IARC classifies as possible carcinogens.

**Teratogenicity (Birth Defects)**

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**Reproductive Effects**

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**Ingredient(s) - Toxicological Data**

ACRYLIC Copolymer  
Oral >5000mg / kg - rat

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations and industry standards.

### 14. Transport Information

**DOT Shipping Label**

Not Regulated

### 15. Regulatory Information

**SARA Section 313 Notification**

This product contains ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

**Ingredient(s) - U.S. Regulatory Information**

ETHYLENE GLYCOL  
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

**Ingredient(s) - State Regulations**

ACRYLIC Copolymer  
California - Proposition 65  
ETHYLENE GLYCOL  
New Jersey - Workplace Hazard

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### 15. Regulatory Information - Continued

#### Ingredient(s) - State Regulations - Continued

Pennsylvania - Workplace Hazard  
California - Proposition 65  
MINERAL SPIRITS - STODDARD SOLVENT  
New Jersey - Workplace Hazard  
Pennsylvania - Workplace Hazard  
California - Proposition 65  
Massachusetts - Hazardous Substance  
New York City - Hazardous Substance  
Calcium Carbonate  
New Jersey - Workplace Hazard  
Pennsylvania - Workplace Hazard  
Massachusetts - Hazardous Substance

#### Canadian Regulatory Information

Not a WHMIS controlled material.

### 16. Other Information

#### HMIS Rating

Health: 1

Fire: 0

Reactivity: 0

Personal Protection: B

#### Revision/Preparer Information

MSDS Preparer: Michae; Green

MSDS Preparer Phone Number: (562) 968-2980 ext 115

This MSDS Supersedes A Previous MSDS Dated: 05/01/2006

#### Disclaimer

THE INFORMATION PRESENTED HERE IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

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