

## 1. Identification


### Continental Joint Compound, Ready Mix

|  |  |
|--|--|
| <b>Product identifier</b>                            | Rapid Coat®, Rapid Coat® Low Dust, Rapid Coat® Extra Lightweight White, Beige, Yellow; Rapid Coat® Lightweight White, Yellow; Rapid Coat® Midweight, Rapid Coat® All Purpose, Rapid Coat Pro®, Rapid Coat Versa Pro®, Rapid Deco® Level 5™, white and tinted, Rapid Coat® Extra Lightweight Mold Defense, Rapid Coat® Lightweight Mold Defense, Rapid Coat® Midweight Mold Defense, Rapid Coat All Purpose Mold Defense® |
| <b>Other means of identification</b><br>Product code |  |
| <b>Recommended use</b>                               | Joint Compound is used for gypsum board finishing in commercial and residential construction.  |
| <b>Recommended restrictions</b>                      | See Packaging.   |

### Manufacturer/Importer/Supplier/Distributor information

|                               |  |
|-------------------------------|--|
| <b>Supplier:</b>              | Continental Building Products Operating Company, LLC                     |
| Address                       | 12950 Worldgate Drive, Suite 700, Herndon, VA 20170                      |
| Telephone                     | 800-237-5505   |
| Contact person                | Technical Manager  |
| Email                         | info@continental-bp.com  |
| <b>Manufacturer:</b>          | Continental Building Products / Continental Building Products Canada Inc |
| Address 1                     | 5145 Mary Ingles Hwy, Silver Grove, KY 41085, USA                        |
| Address 2                     | 8802 Boulevard Industriel<br>Chambly, Quebec J3L 4X3, Canada             |
| <b>Emergency phone number</b> | 24/7 Hotline: USA/Canada - 1.855-243-2286 (access code: 14451)           |

## 2. Hazard(s) identification

|                             |   |                   |
|-----------------------------|---|-------------------|
| <b>Physical hazards</b>     | Not classified.   |                   |
| <b>Health hazards</b>       | Carcinogenicity   | Category 1A       |
|                             | Specific target organ toxicity, repeated exposure                                   | Category 2 (Lung) |
| <b>OSHA defined hazards</b> | Not classified.   |                   |
| <b>Label elements</b>       |  |                   |

|  |  |
|--|--|
| <b>Signal word</b>                               | Danger   |
| <b>Hazard statement</b>                          | May cause cancer. May cause damage to organs (Lung) through prolonged or repeated exposure.  |
| <b>Precautionary statement</b>                   |  |
| Prevention                                       | Do not handle until all safety precautions have been read and understood. Wear protective gloves/eye protection/face protection. Do not breathe dust/mist/spray. |
| Response   | If exposed, concerned, or if you feel unwell: Call a poison center/doctor.   |
| Storage  | Store in closed container.   |
| Disposal   | Dispose of contents/container in accordance with local/regional/national/international regulations.  |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | Like all limestone and gypsum based Joint Compounds, low concentrations of crystalline silica are present as a natural impurity.                                 |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name     | CAS number | %       |
|-------------------|------------|---------|
| Calcium Carbonate | 1317-65-3  | 35 - 70 |
| Water             | 7732-18-5  | 25 - 45 |
| Perlite           | 93763-70-3 | 0 - 10  |
| Polyvinyl Acetate | 9003-20-7  | 3 - 5   |

#### Composition comments

All concentrations are in percent by weight.  
Raw material in this product contains respirable crystalline silica as an impurity. Independent testing of this product suggests that under most conditions of use, this product will not result in exposure to respirable crystalline silica that exceeds OSHA's Action Level, (AL) or Permissible Exposure Limit (PEL). However, actual concentrations of respirable silica may vary based on the conditions of use. Specific exposures can only be determined by workplace industrial hygiene testing.

### 4. First-aid measures

#### Inhalation

Move injured person into fresh air and keep person calm under observation. If breathing is difficult, give oxygen. Get medical attention.

#### Skin contact

Wash with water and a pH neutral soap or a mild skin detergent. Get medical attention if irritation develops and persists.

#### Eye contact

Do not rub eyes. Flush thoroughly with water. If irritation occurs, get medical assistance.

#### Ingestion

Practically non-toxic. Ingestion is not anticipated under normal working conditions. DO NOT induce vomiting. Rinse mouth thoroughly with water and give large amounts of milk or water, if person is conscious. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

#### Most important symptoms/effects, acute and delayed

Irritation of nose and throat. Irritation of eyes and mucous membranes. Dust may irritate throat and respiratory system and cause coughing.

#### Indication of immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

#### General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

#### Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

#### Unsuitable extinguishing media

Not applicable. Not a fire hazard.

### 6. Accidental release measures

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

Use personal protection as recommended in Section 8 of the SDS. Keep unnecessary personnel away

#### Methods and materials for containment and cleaning up

Scrape up with shovels into a suitable container for recycle or disposal. Use methods to minimize the generation of nuisance dusts. Vacuum up the spilled material. Vacuums used for this purpose should be equipped with HEPA filters. If sweeping of a contaminated area is necessary use a dust suppressant agent which does not react with the product. Collect in approved containers and seal securely. For waste disposal, see Section 13 of the SDS.

#### Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

### 7. Handling and storage

#### Precautions for safe handling

Stack containers of material in a secure manner to prevent falling.  
Do not stack more than 3 pails high to prevent container failure. For boxes, do not stack more than 3 boxes high for Fullweight and Midweight compounds, and not more than 4 boxes high for Lightweight compounds.  
Joint compound containers are heavy and pose risks such as sprains and strains to the back, arms, shoulders and legs during lifting and mixing. Use work methods which minimize dust production. Cutting, crushing, sanding or grinding joint compound, drywall or other crystalline silica-bearing materials will release respirable crystalline silica. Avoid inhalation of dust and contact with skin and eyes. Do not use if material has spoiled and is moldy or has an unpleasant odor. Use only in well-ventilated areas. Observe good industrial hygiene practices.

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

Store in a cool, dry, well-ventilated place. Protect from freezing and direct sunlight. Store away from incompatible materials.

## 8. Exposure controls/personal protection

### Occupational exposure limits

| US. OSHA Components                               | Type  | Value   | Form                       |
|---|---|---|----------------------------|
| Calcium Carbonate (CAS 1317-65-3)                 | PEL   | 5 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup>       | Respirable.<br>Total dust. |
| Crystalline Silica (CAS 14808-60-7)               | Action Level (25 µg/m <sup>3</sup> )<br>PEL (50 µg/m <sup>3</sup> ) | 0.025 mg/m <sup>3</sup><br>0.05 mg/m <sup>3</sup> | Respirable.<br>Respirable. |
| Particulates Not Otherwise Regulated (Total Dust) | TWA   | 5 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup>       | Respirable.<br>Total Dust. |

### US. ACGIH Threshold Limit Values (TLV)

| Components  | Type | Value                                       | Form                       |
|---|------|---|----------------------------|
| Crystalline Silica (CAS 14808-60-7)               | TWA  | 0.025 mg/m <sup>3</sup>                     | Respirable.                |
| Particulates Not Otherwise Regulated (Total Dust) | TWA  | 5 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup> | Respirable.<br>Total Dust. |

### US. NIOSH: Pocket Guide to Chemical Hazards

| Components                          | Type | Value  | Form                 |
|-------------------------------------|------|--|----------------------|
| Calcium Carbonate (CAS 1317-65-3)   | TWA  | 5 mg/m <sup>3</sup>                            | Respirable.          |
| Crystalline Silica (CAS 14808-60-7) | TWA  | 10 mg/m <sup>3</sup><br>0.05 mg/m <sup>3</sup> | Total<br>Respirable. |
| Perlite (CAS 93763-70-3)            | TWA  | 5 mg/m <sup>3</sup><br>10 mg/m <sup>3</sup>    | Respirable.<br>Total |

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Exposure guidelines

Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled when cutting or grinding.

### Appropriate engineering controls

#### Tools and

Utilize methods to minimize dust production including pole sanders and/or sanders equipped with vacuum capabilities whenever possible to maintain a dust level below the AL/TLV.

#### Equipment

Local and general exhaust ventilation sufficient to maintain a dust level below the AL/TLV may be used.

#### Ventilation

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

ANSI approved safety glasses or goggles.

#### Skin/Hand protection

Gloves, and protective clothing may be utilized.

#### Respiratory protection

A NIOSH approved particulate respirator is recommended if the PEL is exceeded. OSHA's 29 CFR 1910.134 (Respiratory Protection Standard) must be followed whenever work conditions require respirator use.

#### Thermal hazards

When material is heated, wear gloves to protect against thermal burns.

#### General hygiene considerations

When using, do not eat, drink or smoke. Wash hands after handling. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

|  |                           |
|--|---------------------------|
| Appearance                                   | Paste.                    |
| Physical state                               | Solid.                    |
| Form   | Solid. / Paste.           |
| Color  | Beige or white.           |
| Odor   | Low.                      |
| Odor threshold                               | Not available.            |
| pH   | 7 - 10 [aqueous           |
| Melting point/freezing point                 | solution] 32 °F (0 °C)    |
| Initial boiling point and boiling range      | 212 °F (100 °C)           |
| Flash point                                  | > 203.0 °F (> 95.0 °C)    |
| Evaporation rate                             | Not available.            |
| Flammability (solid, gas)                    | Not available.            |
| Upper/lower flammability or explosive limits |                           |
| Flammability limit - lower (%)               | Not applicable.           |
| Flammability limit - upper (%)               | Not applicable.           |
| Explosive limit - lower (%)                  | Not applicable.           |
| Explosive limit - upper (%)                  | Not applicable. 1         |
| Vapor pressure                               | 7 mm Hg (20°C)            |
| Vapor density                                | 0.62 Based on             |
| Relative density                             | water. 0.9 - 1.7          |
| Solubility(ies)                              |                           |
| Solubility (water)                           | Completely dispersed.     |
| Partition coefficient (n-octanol/water)      | Not available.            |
| Auto-ignition temperature                    | Not applicable.           |
| Decomposition temperature                    | Not available.            |
| Viscosity                                    | 300 - 650 Brabender units |
| Other information                            |                           |
| Percent volatile                             | 30 - 60 % v/v             |
| VOC (Weight %)                               | < 2 g/l                   |

## 10. Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability                 | Material is stable under normal conditions.   |
| Possibility of hazardous reactions | Hazardous polymerization does not occur.  |
| Conditions to avoid                | Contact with incompatible materials.  |
| Incompatible materials             | Strong oxidizing agents. Strong acids. Ammonium salts. Fluorine. Aluminum.                    |
| Hazardous decomposition products   | Sulfur oxides. Calcium oxides. Ammonia.   |

## 11. Toxicological information

### Information on likely routes of exposure

|              |  |
|--------------|--|
| Inhalation   | Dust may irritate respiratory system. May cause cancer by inhalation.  |
| Skin contact | Prolonged or repeated contact may dry skin and cause irritation.   |
| Eye contact  | Dust may irritate the eyes.  |
| Ingestion    | Not an anticipated route of exposure under normal working conditions. May cause discomfort if swallowed. May cause irritation of the gastrointestinal tract. |

**Symptoms related to the physical, chemical and toxicological characteristics** Irritation of eyes and mucous membranes. Irritation of nose and throat. Dust may irritate throat and respiratory system and cause coughing.

**Information on toxicological effects**

**Acute toxicity** May cause discomfort if swallowed.

| Components | Species | Test Results |
|------------|---------|--------------|
|------------|---------|--------------|

|                                   |     |               |
|-----------------------------------|-----|---------------|
| Polyvinyl Acetate (CAS 9003-20-7) |     |               |
| <i>Oral</i> - LD50                | Rat | > 25000 mg/kg |

**Skin corrosion/irritation** Dust may cause mechanical irritation of skin.

**Serious eye damage/eye irritation** Dust in the eyes will cause irritation.

**Respiratory or skin sensitization**

**Respiratory sensitization** No data available.

**Skin sensitization** Not a skin sensitizer.

**Germ cell mutagenicity** No data available.

**Carcinogenicity** This product contains crystalline silica (quartz) as a naturally occurring impurity. The International Agency for Research on Cancer (IARC) and the National Toxicology Program classify respirable crystalline silica as known human carcinogens. Independent testing of this product suggests that under most conditions of use, this product will not result in exposure to respirable crystalline silica that exceeds OSHA's Action Level, (AL) or Permissible Exposure Limit (PEL). Exposures to respirable crystalline silica at or above the OSHA AL, or PEL are not expected during the recommended use of this product. However, actual concentrations of respirable silica may vary based on the conditions of use. Specific exposures can only be determined by workplace industrial hygiene testing.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

    Crystalline Silica (CAS 14808-60-7)

    Polyvinyl Acetate (CAS 9003-20-7)

1 Carcinogenic to humans.

3 Not classifiable as to carcinogenicity to humans.

**NTP Report on Carcinogens**

    Crystalline Silica (CAS 14808-60-7)

Known To Be Human Carcinogen.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

    Not listed

**Reproductive toxicity** No data available.

**Specific target organ toxicity - single exposure** No data available.

**Specific target organ toxicity - repeated exposure** May cause damage to organs (Lung) through prolonged or repeated exposure (inhalation).

**Aspiration hazard** Not classified.

**Chronic effects** Prolonged and routine inhalation of fine quartz dust can lead to the lung disease known as silicosis. Pre-existing respiratory conditions including asthma and chronic lung disease might be aggravated by exposure.

**12. Ecological information**

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**Persistence and degradability** No data available.

**Bioaccumulative potential** No data available.

**Mobility in soil** The product is soluble in water.

**Other adverse effects** No data available.

**13. Disposal considerations**

**Disposal instructions** Dispose in accordance with all applicable regulations. Do not discharge into drains, water courses or onto the ground.

**Hazardous waste code** The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

|  |  |
|--|--|
| <b>Waste from residues / unused products</b> | Not applicable.  |
| <b>Contaminated packaging</b>                | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. |

## 14. Transport information

|             |                                   |
|-------------|-----------------------------------|
| <b>DOT</b>  | Not regulated as dangerous goods. |
| <b>IATA</b> | Not regulated as dangerous goods. |
| <b>IMDG</b> | Not regulated as dangerous goods. |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** This substance/mixture is not intended to be transported in bulk.

## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. CERCLA/SARA Hazardous Substances - Not applicable.

### **TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

### **OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

### **CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### **SARA 302 Extremely hazardous substance**

Not Listed

### **SARA 311/312 Hazardous chemical**

Yes

### **SARA 313 (TRI reporting)** Not regulated

### **Other federal regulations**

#### **Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

#### **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated

#### **Safe Drinking Water Act (SDWA)**

Not regulated

**US state regulations** WARNING: This product contains a chemical known to the State of California to cause cancer.

#### **US. Massachusetts RTK - Substance List**

Calcium Carbonate (CAS 1317-65-3)

Crystalline Silica (CAS 14808-60-7)

Perlite (CAS 93763-70-3)

#### **US. New Jersey Worker and Community Right-to-Know Act**

Calcium Carbonate (CAS 1317-65-3)

Crystalline Silica (CAS 14808-60-7)

Perlite (CAS 93763-70-3)

#### **US. Pennsylvania Worker and Community Right-to-Know Law**

Calcium Carbonate (CAS 1317-65-3)

Crystalline Silica (CAS 14808-60-7)

Perlite (CAS 93763-70-3)

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

**US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Crystalline Silica (CAS 14808-60-7)

**Canada regulations**

WHMIS: Crystalline Silica - D2; Other Toxic Effects

**International Inventories**

| <b>Country(s) or region</b> | <b>Inventory name</b>  | <b>On inventory (yes/no)*</b> |
|-----------------------------|--|-------------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                           |
| Canada                      | Domestic Substances List (DSL)   | No                            |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | Yes                           |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                           |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                            |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                            |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                            |
| Korea                       | Existing Chemicals List (ECL)  | Yes                           |
| New Zealand                 | New Zealand Inventory  | Yes                           |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                           |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | No                            |

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision**

|                            |   |
|----------------------------|---|
| <b>Issue date</b>          | May 2015.   |
| <b>Revision date</b>       | May 2017.   |
| <b>Version #</b>           | 02  |
| <b>Further information</b> | HMIS® is a registered trade and service mark of the NPCA. |
| <b>HMIS® ratings</b>       | Health: 1*<br>Flammability: 1<br>Physical hazard: 0       |

**List of abbreviations**

IARC: International Agency for Research on Cancer.

**References**

HSDB® - Hazardous Substances Data Bank  
Registry of Toxic Effects of Chemical Substances (RTECS)

**Disclaimer**

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.