# SAFETY DATA SHEET

October 2017

## 1. Identification

**Product identifier** Continental Drywall Products

**Other means of identification**

**Product code** Firecheck® Type X, Firecheck® Type C, Green Board, Gypboard, LiftLite®, LiftLite® Firecheck 30, LiftLite® Type X, Mold Defense®, Mold Defense® Type X, Plasterbase, Firecheck® Plasterbase Type X, Protecta® AR 100 Type X with Mold Defense®, Protecta® HIR 300 Type X with Mold Defense®, Rapid Deco® Level Five, Rapid Deco® Level Five Type X, Rapid Deco® Level Five with Mold Defense®, Rapid Deco® Level Five Type X with Mold Defense®, Rapid Deco® Protecta® AR 100, Rapid Deco® Protecta® AR 100 with Mold Defense®, Regular Drywall, Sagcheck®, Shaft Wall Liner, Shaftliner Type X, Mold Defense® Shaftliner Type X, Weather Defense® Platinum Shaftliner Type X, Soffitboard, Firecheck® Soffitboard Type X, Firecheck® Soffitboard Type C, Weather Defense® Platinum Sheathing, Weather Defense® Platinum Sheathing Type X, Weather Defense® Platinum Interior, Weather Defense® Platinum Interior Type X.

**Recommended use** Construction/Wall Applications

**Recommended restrictions** none

**Manufacturer / Importer / Supplier / Distributor information**

**Supplier:** 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

**Emergency phone number** 24/7 Hotline: USA/Canada - 1.855-243-2286 (access code: 14451)

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label Elements**

**Hazard Symbol** None.

**Signal word** None.

**Hazard statement** None.

**Precautionary statement** None.

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | CAS number | % |
|---|---|---|
| Gypsum | 13397-24-5 | 70 - 90 |
| Cellulose | 9004-34-6 | 0 - 10 |
| Vermiculite | 1318-00-9 | 1 - 5 |
| Fiberglass (Continuous Filament) | 65997-17-3 | 0 - 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. Rinse mouth thoroughly with water and give large amounts of water to people not unconscious. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur. DO NOT induce vomiting |
| **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** | The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials. |
| **Unsuitable extinguishing media** | Not applicable. |
| **Specific hazards arising from the chemical** | Not a fire hazard. |
| **Special protective equipment and precautions for firefighters** | Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus, operated in positive pressure mode and full protective clothing must be worn in case of fire. |
| **Fire-fighting equipment/instructions** | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do it without risk. |

## 6. Accidental release measures

| | |
|---|---|
| **Personal precautions, protective equipment and emergency procedures** | Avoid inhalation of dust and contact with skin and eyes. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection as recommended in Section 8 of the SDS. |
| **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. For waste disposal, see Section 13 of the SDS. |

## 7. Handling and Storage

| | |
|---|---|
| **Precautions for safe handling** | Stack of material in a secure manner to prevent falling. Drywall is heavy and poses risks such as sprains and strains to the back, arms, shoulders and legs during lifting. 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. Use only in well-ventilated areas. Observe good industrial hygiene practices. |
| **Conditions for safety storage including any incompatibilities** | Store in a cool, dry, well-ventilated place away from moisture and the outdoor elements of weather. Store away from incompatible materials. Protect product from physical damage. The Gypsum Association literature (GA-801) recommends storing board flat to avoid damaging edges, warping the board and the potential safety hazards of the board falling over. However, in other situtations, storing the board flat may cause a tripping hazard or exceed floor load limits. If stacking board vertically, leave at least 4 inches from the wall to decrease the risk of falling board and no more than 6 inches to avoid too much lateral weight against the wall. |

## 8. Exposure controls/personal protection

### Occupational exposure limits

**US. OSHA**

| Components | Type | Value | Form |
|---|---|---|---|
| Gypsum (CAS 13397-24-5) | PEL | 5 mg/m³ | Respirable. |
| Cellulose (CAS 9004-34-6) | PEL | 15 mg/m³ | Total dust. |
| | | 5 mg/m³ | Respirable. |
| | | 15 mg/m³ | Total dust. |
| Crystalline Silica (CAS 14808-60-7) | Action Level (25 µg/m3) | 0.025 mg/m³ | Respirable. |
| | PEL (50 µg/m³) | 0.05 mg/m³ | Respirable. |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Gypsum (CAS 13397-24-5) | TWA | 10 mg/m3 | Respirable. |
| Cellulose (CAS 9004-34-6) | TWA | 10 mg/m3 | |
| Crystalline Silica (CAS 14808-60-7) | TWA | 0.025 mg/m3 | Respirable. |
| Fiberglass (Continuous Filament) (CAS 65997-17-3) | TWA | 1 fibers/cm3 | Fiber. |
| | | 5 mg/m3 | Respirable. |

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

| Components | Type | Value | Form |
|---|---|---|---|
| Gypsum (CAS 13397-24-5) | TWA | 5 mg/m3 | Respirable. |
| Cellulose (CAS 9004-34-6) | TWA | 10 mg/m3 | Total |
| | | 5 mg/m3 | Respirable. |
| Crystalline Silica (CAS 14808-60-7) | TWA | 10 mg/m3 | Total |
| | | 0.05 mg/m3 | Respirable. |
| Fiberglass (Continuous Filament) (CAS 65997-17-3) | TWA | 3 fibers/cm3 | Fiber. (fibers with diameter ≥3.5 µm + length ≥10 µm) |
| | | 5 mg/m3 | Fibers, 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.

**Appropriate engineering controls**

**Tools and Equipment** 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.

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

### 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** | Not applicable. |
| **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** | Solid, various colors. |
| **Physical state** | Solid. |
| **Form** | Solid. |
| **Color** | Various colors. Core: white. |
| **Odor** | None. |
| **Odor threshold** | Not available. |
| **pH** | 7 |
| **Flash point** | Not applicable. |
| **Flammability (solid/gas)** | Not applicable. |
| **Upper/lower flammability or explosive limits** | Not applicable. |
| **Relative density Solubility(ies)** | 1.1 - 4 $lb/ft^3$ |
| **Solubility (water)** | < 0.2 % @20°C |

## 10. Stability and reactivity

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

## 11. Toxicological information

**Information on likely routes of exposure**

| | |
|---|---|
| **Ingestion** | Not an anticipated route of exposure under normal working conditions. May cause discomfort if swallowed. May cause irritation of the gastrointestinal tract. |
| **Inhalation** | Overexposure to respirable crystalline silica may cause cancer by inhalation. |
| **Skin contact** | Prolonged or repeated contact may dry skin and cause irritation. |
| **Eye contact** | Dust may irritate the eyes. |
| **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. Dust |
| **Skin corrosion/irritation** | may cause mechanical irritation of skin. |
| **Serious eye damage/eye irritation** | Dust in the eyes will cause irritation. |
| **Respiratory or skin sensitization** | |
| **Respiratory sensitization** | Not classified. |
| **Skin sensitization Germ cell mutagenicity** | Not a skin sensitizer. |
| | Not classified. |

**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**

| | |
|---|---|
| Fiberglass (Continuous Filament) (CAS 65997-17-3) | 3 Not classifiable as to carcinogenicity to humans. |

**NTP Report on Carcinogens**

| | |
|---|---|
| Fiberglass (Continuous Filament) (CAS 65997-17-3) | Reasonably Anticipated to be a Human Carcinogen. |

**Reproductive toxicity** No data available.

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

**Specific target organ toxicity - repeated exposure** Not classified

**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.

| | | | |
|---|---|---|---|
| **Persistence and degradability** | No | data | available. |
| **Bioaccumulative potential** | No | data | available. |

**Mobility in soil** The product is slightly 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.

**Waste from residues / unused products** Not applicable.

**Contaminated packaging** 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

**DOT**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

## 15. Regulatory information

**US federal regulations** This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

**US. 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**

Gypsum (CAS 13397-24-5)
Cellulose (CAS 9004-34-6)
Crystalline Silica (CAS 14808-60-7)

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

Gypsum (CAS 713397-24-5)
Cellulose (CAS 9004-34-6)
Crystalline Silica (CAS 14808-60-7)
Fiberglass (Continuous Filament) (CAS 65997-17-3)

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

Gypsum (CAS 13397-24-5)
Cellulose (CAS 9004-34-6)
Crystalline Silica (CAS 14808-60-7)

**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**

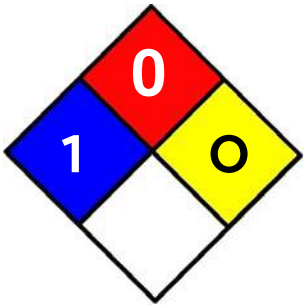
WHMIS: Crystalline Silica - D2; Other Toxic Effects

**International Inventories**

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|---|---|---|
| Australia | Australian Inventory of Chemical Substances (AICS) | Yes |
| Canada | Domestic Substances List (DSL) | No |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China | Yes |
| Europe | (IECSC) European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances | No |
| Korea | (ENCS) Existing Chemicals List (ECL) | No |
| 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

| | |
|---|---|
| **Issue date** | May 2015. |
| **Revision date** | May 2017. |
| **Version #** | 02. |
| **Further information** | HMIS® is a registered trade and service mark of the NPCA. |
| **HMIS® ratings** | Health: 1*<br>Flammability: 0<br>Physical hazard: 0 |
| **NFPA Ratings** |  |
| **List of abbreviations** | IARC: International Agency for Research on Cancer. |
| **References** | HSDB® - Hazardous Substances Data Bank<br>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. |