

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 situations, 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/m ³	Respirable.
Cellulose (CAS 9004-34-6)	PEL	15 mg/m ³	Total dust.
		5 mg/m ³	Respirable.
		15 mg/m ³	Total dust.
Crystalline Silica (CAS 14808-60-7)	Action Level (25 µg/m ³)	0.025 mg/m ³	Respirable.
	PEL (50 µg/m ³)	0.05 mg/m ³	Respirable.

US. ACGIH Threshold Limit Values (TLV)

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

US. NIOSH: Pocket Guide to Chemical Hazards

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

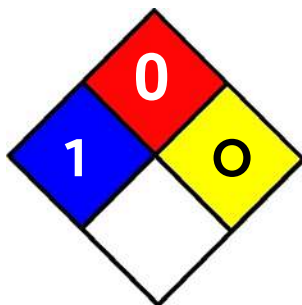
*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

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*
Flammability: 0
Physical hazard: 0

NFPA Ratings



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.