

Safety Data Sheet

according to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Revision: July 29, 2019

1 Identification

· **Product identifier**

· **Trade name:** **CertainTeed Finishing Products, Ready-Mix Joint Compounds, Ready-Mix Non-Aggregated Textures**

· **Other product identifiers:**

All Purpose
BMITJ All-Purpose
CertainTeed Extreme All-Purpose
CertainTeed Heavy Taping
CertainTeed Lite All-Purpose
CertainTeed Lite Ceiling Spray
CertainTeed Lite Finishing
CertainTeed Lite Taping
CertainTeed Lite Topping
CertainTeed Machine Pro
CertainTeed Mould Resistant
CertainTeed ONE All-Purpose White and Beige
CertainTeed Reinforced Lite Spray Texture
CertainTeed Spray-Lite Ready-Mixed Texture
Dust Away Reduced Dust Drywall Compound
Dust Away Roll-On All-Purpose
Easi-Fil All-Purpose
Extreme
Finish Coat
Fusion
Spray Tex
White Formula

· **Recommended use and restriction on use**

· **Recommended use:** Ready mix joint compounds for interior wall applications.
· **Restrictions on use:** No relevant information available.

· **Details of the supplier of the Safety Data Sheet**

· **Manufacturer/Supplier:**

CertainTeed Gypsum
20 Moores Road
Malvern, PA 19355
Professional: 800-233-8990
Consumer: 800-782-8777
www.certainteed.com

· **Emergency telephone number:**

ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)
1-300-954-583 (Australia)
0-800-591-6042 (Brazil)
400-120-0751 (China)
000-800-100-4086 (India)
01-800-099-0731 (Mexico)

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2 Hazard(s) identification

· **Classification of the substance or mixture**

Skin Sens. 1 H317 May cause an allergic skin reaction.

· **Label elements**

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



GHS07

· **Signal word:** Warning

· **Hazard statements:**

H317 May cause an allergic skin reaction.

· **Precautionary statements:**

P261 Avoid breathing dust.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves.

P302+P352 If on skin: Wash with plenty of soap and water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:** Long term inhalation of product dust may be harmful.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**

1317-65-3	Limestone	40-90%
93763-70-3	Perlite	0-10%
1332-58-7	Kaolin	0-7.5%
12001-26-2	Mica	0-5%
14808-60-7	Quartz (SiO ₂) ⚠ Carc. 1A, H350	<0.4%
4719-04-4	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol ⚠ Acute Tox. 2, H330 ⚠ STOT RE 1, H372 ⚠ Acute Tox. 4, H302; Eye Irrit. 2A, H319; Skin Sens. 1, H317	<0.4%
55406-53-6	3-Iodo-2-propynylbutylcarbamate ⚠ Acute Tox. 3, H331	≤0.1%

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	STOT RE 1, H372
	Eye Dam. 1, H318
	Acute Tox. 4, H302; Skin Sens. 1, H317

· **Additional information:**

For the wording of the listed Hazard Statements, refer to section 16.

Crystalline silica is a naturally occurring contaminant in earth minerals. Analysis for total and respirable Crystalline silica by X-Ray Diffraction(XRD) and Computer-Controlled Scanning Electron Microscopy (CCSEM). Respirable Crystalline silica was either not detected, or if detected, the concentration was below the OSHA Action Level of 25 µg/m³.

No Asbestos fibers detected in Asbestos fibers analysis by polarized light microscopy (EPA/600/R-93/116 & EPA/600/M4-82-020)

4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

· **After skin contact:**

Brush off loose particles from skin.

Wash with soap and water.

If skin irritation or rash occurs: Get medical advice/attention.

· **After eye contact:**

Remove contact lenses if worn, if possible.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· **After swallowing:**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

· **Most important symptoms and effects, both acute and delayed:**

Breathing difficulty

Coughing

Allergic reactions

· **Indication of any immediate medical attention and special treatment needed:**

Contains 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol, 3-Iodo-2-propynylbutylcarbamate. May produce an allergic reaction.

Treat skin and mucous membrane with antihistamine and corticoid preparations.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

· **For safety reasons unsuitable extinguishing agents:** None.

· **Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

· **Advice for firefighters**

· **Protective equipment:**

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Wear self-contained respiratory protective device.
Wear fully protective suit.

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6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

Do not breathe dust.

Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded.

· Environmental precautions

Damp down dust with water spray.

· Methods and material for containment and cleaning up

Towel or mop up material and collect in a suitable container.

Send for recovery or disposal in suitable receptacles.

· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· Handling

· Precautions for safe handling:

Prevent formation of dust.

Avoid breathing dust.

Avoid contact with the eyes.

Keep out of reach of children.

· Conditions for safe storage, including any incompatibilities

· Requirements to be met by storerooms and receptacles:

Storage area should be dry and well-ventilated.

Containers should be tightly sealed.

· Information about storage in one common storage facility: Protect from humidity and water.

· Specific end use(s) No relevant information available.

8 Exposure controls/personal protection

· Control parameters

· Components with limit values that require monitoring at the workplace:

1317-65-3 Limestone

PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	TLV withdrawn

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93763-70-3 Perlite

PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	TLV withdrawn
EL (Canada)	Long-term value: 10* 3** mg/m ³ *total dust; **respirable fraction
LMPE (Mexico)	Long-term value: 10 mg/m ³ (e), A4

1332-58-7 Kaolin

PEL (USA)	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	Long-term value: 2* mg/m ³ E; as respirable fraction
EL (Canada)	Long-term value: 2 mg/m ³
EV (Canada)	Long-term value: 2(D) mg/m ³ respirable
LMPE (Mexico)	Long-term value: 2* mg/m ³ A4, *fracción respirable

12001-26-2 Mica

PEL (USA)	Long-term value: 20 mppcf ppm <1% crystalline silica
REL (USA)	Long-term value: 3* mg/m ³ *respirable dust; containing < 1% quartz
TLV (USA)	Long-term value: 3* mg/m ³ *as respirable fraction
EL (Canada)	Long-term value: 3 mg/m ³
EV (Canada)	Long-term value: 3(D) mg/m ³ respirable
LMPE (Mexico)	Long-term value: 3* mg/m ³ *fracción respirable

14808-60-7 Quartz (SiO₂)

PEL (USA)	Long-term value: 0.05* mg/m ³ *resp. dust; 30mg/m ³ /%SiO ₂ +2
REL (USA)	Long-term value: 0.05* mg/m ³ *respirable dust; See Pocket Guide App. A
TLV (USA)	Long-term value: 0.025* mg/m ³ *as respirable fraction
EL (Canada)	Long-term value: 0.025 mg/m ³ ACGIH A2; IARC 1
EV (Canada)	Long-term value: 0.10* mg/m ³

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LMPE (Mexico)	*respirable fraction Long-term value: 0.025* mg/m ³ A2, *fracción respirable Note: See section 15 for Dust Emission Study.
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· Exposure controls

· **General protective and hygienic measures:** Avoid breathing dust.

· **Engineering controls:** Provide adequate ventilation.

· Breathing equipment:

Wear appropriate NIOSH respirator when ventilation is inadequate and occupational exposure limits are exceeded.

Particulate mask should filter at least 99% of airborne particles.

· Protection of hands:



Protective gloves

Gloves are advised for repeated or prolonged contact.

· Eye protection:



Safety glasses

· **Body protection:** Protective work clothing

· Limitation and supervision of exposure into the environment

No relevant information available.

· **Risk management measures** No relevant information available.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· Appearance:

Form: Paste

Color: Off-white

· Odor: Odorless

· Odor threshold: Not determined.

· pH-value: 7-8.5

· Melting point/Melting range: Not determined.

· Boiling point/Boiling range: Not determined.

· Flash point: Not applicable.

· Flammability (solid, gaseous): Product is not flammable.

· Auto-ignition temperature: Not determined.

· Decomposition temperature: 825 °C (1517 °F)

· Danger of explosion: Product does not present an explosion hazard.

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- | | |
|---|------------------------------------|
| · Explosion limits | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| · Oxidizing properties: | Non-oxidizing. |
| · Vapor pressure: | Not applicable. |
| · Density: | |
| Relative density: | 0.8-1.7 |
| Vapor density: | Not applicable. |
| Evaporation rate: | Not applicable. |
| · Solubility in / Miscibility with Water: | Slightly soluble. |
| · Partition coefficient (n-octanol/water): | Not determined. |
| · Viscosity | |
| Dynamic: | Not applicable. |
| Kinematic: | Not applicable. |
| · Other information | No relevant information available. |

10 Stability and reactivity

- **Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** Reacts with strong acids.
- **Conditions to avoid** Moisture.
- **Incompatible materials** Strong acids
- **Hazardous decomposition products** Carbon monoxide and carbon dioxide

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.

LD/LC50 values that are relevant for classification:

4719-04-4 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol

Oral	LD50	750-1250 mg/kg (rat)
Inhalative	LC50/4h (dynamic)	0.37 mg/l (rat)

55406-53-6 3-Iodo-2-propynylbutylcarbamate

Oral	LD50	1470 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50/4h	>6.89 mg/l (rat)

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- **Primary irritant effect:**
- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:**
Contains 2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol, 3-Iodo-2-propynylbutylcarbamate. May produce an allergic reaction.

· **IARC (International Agency for Research on Cancer):**

14808-60-7	Quartz (SiO ₂)	1
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· **NTP (National Toxicology Program):**

14808-60-7	Quartz (SiO ₂)	K
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· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

Ingestion.
Inhalation.
Eye contact.
Skin contact.

· **Repeated dose toxicity:**

Long term inhalation of product dust may be harmful.
Long-term inhalation of silica dusts may cause obstructive pulmonary disease including silicosis.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:**

Based on available data, the classification criteria are not met.
CertainTeed Gypsum tested the dust emissions from sanding of products. The tests showed that respirable Crystalline silica was either not detected, or if detected, the concentration was below the occupational exposure limit. (See Section 15, Dust Emission Study)

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

· **Toxicity**

- **Aquatic toxicity** No relevant information available.
- **Persistence and degradability** No relevant information available.
- **Bioaccumulative potential:** No relevant information available.
- **Mobility in soil:** No relevant information available.
- **Other adverse effects** No relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Smaller quantities can be disposed of with household waste.

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The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · DOT, ADR/RID/ADN, IMDG, IATA | Not regulated. |
| · UN proper shipping name | |
| · DOT, ADR/RID/ADN, IMDG, IATA | Not regulated. |
| · Transport hazard class(es) | |
| · DOT, ADR/RID/ADN, IMDG, IATA | |
| · Class | Not regulated. |
| · Packing group | |
| · DOT, ADR/RID/ADN, IMDG, IATA | Not regulated. |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of
MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

Dust Emission Study: CertainTeed Gypsum contracted with an independent third-party test laboratory to conduct industrial hygiene tests on the release of respirable Crystalline silica during the application and sanding of our joint compound products. Initially a bulk analysis was conducted on the majority of joint compounds to identify three products representative of the complete joint compound product line to be used in the application and sanding phase of the test program. The effects of three different grit abrasive papers (fine, medium and coarse) were evaluated with a manual hand pole method during the sanding operation. Air samples were collected within the breathing zone of the worker and within the test chamber during each sanding operation on multiple samples of each joint compound. These tests have shown that none of the air samples collected exceeded the OSHA PEL (Permissible Exposure Limit) or ACGIH® TLV® (Threshold Limit Value) for total or respirable dust. Respirable Crystalline silica was either not detected, or if detected, the concentration was below the OSHA Action Level of 25 µg/m³ for all of the air samples collected. Testing has also shown that CertainTeed Dust Away technology offers the lowest levels of both nuisance and respirable dust air concentrations of all the compounds tested.

Further information: Marketing Technical Services, call 1-800-446-5284

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· **United States (USA)**

· **SARA**

· **Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

· **TSCA (Toxic Substances Control Act)**

All ingredients are listed or exempt.

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

12174-11-7 | Attapulgite (Palygorskite)

14808-60-7 | Quartz (SiO₂)

· **Chemicals known to cause developmental toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **IARC (International Agency for Research on Cancer):**

14808-60-7 | Quartz (SiO₂)

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· **Canadian Domestic Substances List (DSL):**

All ingredients are listed or exempt.

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16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health Administration

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Acute Tox. 3: Acute toxicity – Category 3

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

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Skin Sens. 1: Skin sensitisation – Category 1

Carc. 1A: Carcinogenicity – Category 1A

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

SourcesWebsite, European Chemicals Agency (echa.europa.eu)Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor_internet/registry/substreg/home/overview/home.do)Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

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