

SAFETY DATA SHEET



Transite® HT Cement Board

Version 1

Revision Date 07/15/2024

Print Date 07/15/2024

SECTION 1: IDENTIFICATION

Product Names: Transite® HT Cement Board

Other / Generic Names: Calcium Silicate Board

Manufacturer or supplier's details

Company: The Gund Company, Inc.
2121 Walton Road
St. Louis, MO 63114
Telephone: (314) 423-5200
Visit Our Website: www.thegundcompany.com
Email Address: info@thegundcompany.com
Emergency Telephone: (262) 522-7990

Recommended use of the chemical and restrictions on use

Recommended use: Industrial heat processing and fire protection.

Restrictions on use: See *Section 15* for restrictions.

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Skin sensitization: Category 1/1A/1B

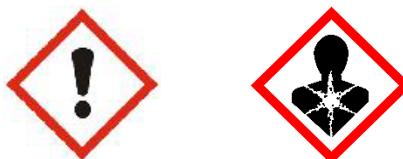
Skin corrosion/irritation: Category 2

Respiratory sensitization: Category 1/1A/1B

Eye sensitization: Category 2B

GHS Label Element

Hazard pictograms:



Signal word: Warning, Danger

Hazard statements: May cause cancer.

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Precautionary statements:

Prevention:

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P264: Wash thoroughly after handling.

P280: Wear protective gloves, protective clothing, eye protection, and face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

P337 + P313: If eye irritation persists: Get medical advice /attention.

P342 + P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.

P363 Wash contaminated clothing before reuse.

Disposal:

P501 Dispose of contents / container to an approved waste disposal plant.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components

Component	CAS-No.	Concentration (%)
Calcium Silicate	1344-95-2	55 – 75
Calcium Metasilicate (Wollastonite)	13983-17-0	20 – 40
Natural Organic Fibers	65996-61-4	0 – 5
Crystalline Silica (Quartz)	14808-60-7	0.1 – 1

SECTION 4: FIRST AID MEASURES

EYE CONTACT: Flush eyes with water as precaution. Remove contact lenses if applicable. Protect unharmed eye. Keep eye wide open while rinsing. If irritation persists, seek medical attention.

SKIN CONTACT: Gently wash with plenty of soap and water after each exposure. If skin becomes irritated and irritation persists, seek medical attention.

INGESTION: If prolonged irritation to gastrointestinal tract or mouth persists, seek medical attention.

INHALATION: Remove victim to fresh air. Drink plenty of water and blow nose to evacuate remaining dust. If coughing or irritation persist seek medical attention.

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NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE PROPERTIES: Material will not burn.

EXTINGUISHING MEDIA: Water, foam, CO₂, or other firefighting measures appropriate for the situation.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition products may include calcium silicates and crystalline silica.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Calcium silicate boards do not present a hazard in their intact state. Minimize dust generation during cutting, milling, or grinding. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see *Section 10*).

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: If user operations generate dust, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. Power equipment should be fitted with a properly designed dust collection device.

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RESPIRATORY PROTECTION:

Wear a NIOSH-approved dust mask to limit exposure to product dust. Higher dust levels may require use of a half or full mask respirator with dust filters. Use local exhaust if necessary to lower dust levels. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

EYE PROTECTION:

Wear safety glasses with side shields or goggles complying with an approved standard to avoid exposure to dust.

SKIN PROTECTION:

Protective gloves complying with an approved standard should be worn when handling chemical products if a risk assessment indicates this is necessary.

Exposure Guidelines:

Ingredient Name	CAS #	CGIH TLV	OSHA PEL
Calcium Silicate	1344-95-2	10 mg/m ³	5 mg/m ³
Calcium Metasilicate (Wollastonite)	13983-17-0	3 mg/m ³	5 mg/m ³
Crystalline Silica (Quartz)	14808-60-7	0.025 mg/m ³	50 µg/m ³

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Solid sheet, gray

ODOR:

None

MELTING POINT:

> 2300°F (1260°C)

SOLUBILITY IN WATER:

Slight

SPECIFIC GRAVITY (H₂O=1):

1.5 – 1.7 g/cc

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions.

CONDITIONS TO AVOID (STABILITY):

Avoid strong acids and ammonium salts. Contact with strong oxidizing agents (such as fluorine, chlorine trifluoride) may present a fire hazard.

MATERIAL TO AVOID (INCOMPATIBILITY):

Hydrofluoric acid, fluorine, chlorine trifluoride, and oxygen difluoride.

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CONDITIONS TO AVOID (POLYMERIZATION): Crystalline silica will dissolve in hydrofluoric acid and produce silicon tetrafluoride, a corrosive gas.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: This material contains Crystalline Silica, which is known to cause silicosis. Silicosis is a rapidly progressive, non-cancerous lung disease that is often fatal.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Most of the ingredients in this product are naturally occurring minerals, and, unless contaminated in service, are not hazardous to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose in accordance with all applicable regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION (DOT): Not regulated as a dangerous good.

GENERAL: Not regulated as a dangerous good.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All substances listed on inventory.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: No

STATE REGULATIONS: Materials known to the State of California to cause cancer or reproductive toxicity: This product poses no significant risk to persons exposed during normal use as defined by

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the California Safe Drinking Water and Toxics Enforcement Act (Proposition 65).

INTERNATIONAL REGULATIONS:

As an article, the product does not need to be labeled in accordance with EC-directives or respective national laws.

This product is REACH and RoHS compliant.

SECTION 16: OTHER INFORMATION

DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.