



# Material Safety Data Sheet

Material Name: QuietZone® Acoustic Wall Framing System

MSDS No.: 15-MSD- 24883-01

## \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

**Product Name(s):** QuietZone® Acoustic Wall Framing System

**Manufacturer:**

Owens Corning  
One Owens Corning Parkway, World Headquarters  
Attn. Product Stewardship  
Toledo, OH 43659, USA

**Emergency Contacts:**

Emergencies ONLY (after 5pm ET and weekends): 1-419-248-5330,  
CHEMTREC (24 hours everyday): 1-800-424-9300,  
CANUTEC (Canada - 24 hours everyday): 1-613-996-6666.

**Health and Technical Contacts:**

Health Issues Information (8am-5pm ET): 1-419-248-8234,  
Technical Product Information (8am-5pm ET): 1-800-GET-PINK.

## \*\*\* Section 2 – Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent by Wt.
Not Available	Non-hazardous components	100*

**Component Information/Information on Non-Hazardous Components**

**Note:** See Section 8 of MSDS for exposure limit data for these ingredients. Refer to Section 10 for thermal decomposition products generated in hot end-use application.

\* This product contains no hazardous ingredients as defined by OSHA 1910.1200. OSHA considers wood dust that may be generated during handling, fabrication, construction and use of this product to be “hazardous.” Wood dust from machining, sanding, or sawing contains about 90 to 100% wood (aspen or yellow poplar) and less than 10% of cured polyurethane adhesive (MDI based) and wax solids.

## \*\*\* Section 3 – Hazards Identification \*\*\*

**Appearance and Odor:** White-yellow wooden studs, joists, trusses or other engineered lumber with wood odor.

### Emergency Overview

Sawing, sanding or machining produces combustible wood dusts that may present a potential “explosion hazard” if highly a concentrated dust cloud contacts an open flame, spark or other ignition source.

Exposure to dust may be irritating to eyes, nose, and throat. Exposure or direct contact to wood dusts may cause or aggravate pre-existing allergic skin or respiratory reactions in some sensitive individuals. Irritating fumes and toxic gases (of similar toxicity to solid wood lumber) may be released upon thermal processing or during combustion.



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## Potential Health Effects

### Inhalation:

Wood dust from this product may cause dryness, unpleasant deposition or obstruction of nasal passages, dry cough, and irritation of the nose, throat, and respiratory tract characterized. Repeated exposure to wood dust may lead to respiratory sensitization reactions, producing an asthma-like condition. Prolonged exposures to high concentrations of wood dusts have been associated with an increased risk nasal cavity and sinus cancer in humans.

### Skin Contact:

Dusts may cause mechanical irritation, dryness, redness and rash typical of contact dermatitis. Prolonged or repeated contact with dust of this product may cause an allergic skin reaction.

### Eye Contact:

Dusts may cause mechanical irritation.

### Ingestion:

Not a likely route of entry.

### Medical Conditions Aggravated by Exposure:

Chronic respiratory or skin conditions may temporarily worsen from exposure to these products.

## \* \* \* Section 4 – First Aid Measures \* \* \*

### Inhalation:

If inhaled, immediately remove the affected person to fresh air. If irritation persists get medical attention.

### Skin Contact:

For skin contact, wash with soap and running water. If irritation persists, get medical attention.

### Eye Contact:

Immediately flush eyes with plenty of running water for at least 15 minutes. If irritation persists get medical attention.

### Ingestion:

Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion of a large amount does occur, seek medical attention.

## \* \* \* Section 5 - Fire Fighting Measures \* \* \*

**Flash Point:** Not available  
**Upper Flammability Limit:** Not applicable  
**Auto Ignition Temp.:** 400 - 500 °F (204 - 260 °C)

**Flash Point Method:** Not available  
**Lower Flammability Limit:** 40 g/m<sup>3</sup> (for wood dust)

### Extinguishing Media:

Water, sand, carbon dioxide.

### Unusual Fire & Explosion Hazards:



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Dust accumulation from this product may present a fire or explosion hazard in the presence of an ignition source. Wood dust is a strong to severe explosion hazard if a “dust cloud” contacts and ignition source. The maximum temperature of 212 °F (100 °C) for continuous exposure to wood is suggested to avoid risk of ignition. Wood dusts may require even a lower maximum temperature. Partially burned dust is especially hazardous, if dispersed into air. Remove burned or wet dust to open area after fire is extinguished.

### Fire-Fighting Instructions:

Use self-contained breathing apparatus (SCBA) and full bunker turnout gear in a sustained fire. Wear protective clothing ensemble as defined in NFPA 1500 (1997, or as updated).

### Hazardous Combustion Products:

Irritating and toxic gases or fumes may be released during a fire. Wood component of product will ignite at about 450 °F (232 °C). Adhesive component of product degrades at about 750 to 1110 °F (400 to 600 °C). Testing indicates that combustion products from product are of similar toxicity when compared to test results from “solid wood.” Product emits similar amount of smoke as compared to solid wood product when burned.

Primary combustion products are carbon monoxide, carbon dioxide and water. Other undetermined potentially toxic and irritating combustion by-products can be released depending on the specific conditions of combustion.

## \* \* \* Section 6 – Accidental Release Measures \* \* \*

### Containment Procedures:

If sweeping of a contaminated area is necessary, use a dust suppressant agent.

### Clean-Up Procedures:

Scoop up material and put into a suitable container for disposal as a non-hazardous waste.

### Response Procedures:

Isolate area. Keep unnecessary personnel away.

### Special Procedures:

None.

## \* \* \* Section 7 – Handling and Storage \* \* \*

### Handling Procedures:

Do not breathe dust from this material. Avoid contact with skin and eyes. Guard against dust accumulation of this material. Periodically clean up areas where dust settles to avoid accumulation of combustible material. Avoid using compressed air for “blowdowns” or other practices that can generate high airborne dust concentrations. Water spray may be used to wet or washdown wood dust generated by cutting, sanding or machining product to reduce likelihood of ignition or dispersion of dust into air.

### Storage Procedures:

Store in a cool, dry, well-ventilated area. Do not handle or store near an open flame, heat or other sources of ignition.



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## \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

### Exposure Guidelines:

#### A: General Product Information

Follow all applicable exposure limits.

#### B: Component Exposure Limits

ACGIH and OSHA have not developed exposure limits for any of this product's components.

### Exposure Limits For Chemicals Which May Be Released During Use

ACGIH and OSHA exposure limit lists have been checked for those components which may be released during use.

#### Wood dust (CAS# - None)

OSHA: 5 mg/m<sup>3</sup> TWA  
10 mg/m<sup>3</sup> STEL

ACGIH: 5 mg/m<sup>3</sup> TWA (hardwoods)<sup>(a)</sup>

<sup>(a)</sup> ACGIH 1999 Notice of Intended Changes proposed adding a TLV of 5 mg/m<sup>3</sup> TWA for hardwoods and softwoods (both allergenic and non-allergenic) except for a TWA of 0.5 mg/m<sup>3</sup> for Western red cedar. These intended changes to TLVs may or may not be adopted after the one-year trial period.

### Ventilation:

Ventilation should effectively remove and prevent buildup of any dust generated from the handling, fabrication or use of this product. Assure ventilation systems are appropriately designed for combustible dusts (e.g. totally enclosed motors) and properly maintained.

## PERSONAL PROTECTIVE EQUIPMENT

### Respiratory Protection:

Use an appropriate properly fitted NIOSH/MSHA approved N95 Particulate Respirator (such as 3M model 8210 or equivalent) or P95 Particulate Respirator (such as 3M model 8271 or equivalent in high humidity environments or oily atmospheres) when: high dust levels are encountered during fabrication or construction, cutting, grinding, sanding, especially with unvented power tools; level of wood dusts in the air exceeds the occupational exposure limits; or if irritation occurs.

More protective and different types of respirators are required for extremely high dust exposures, oxygen deficient atmospheres or if other chemicals are encountered. Select and use respiratory protection in accordance with respirator manufacturer's instructions and with your company's respiratory protection program, local regulations and OSHA regulations under 29 CFR 1910.134.

### Skin Protection:

Use appropriate hand protection. Normal work clothing (long sleeved shirts and long pants) is recommended.

### Eyes/Face Protective Equipment:

Wear safety glasses with side shields. Wear chemical goggles.



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## \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	White to Light yellow	<b>Odor:</b>	Wood
<b>Physical State:</b>	Solid	<b>pH:</b>	Not applicable
<b>Vapor Pressure (mm Hg @ 20 C):</b>	Not applicable	<b>Vapor Density (Air=1):</b>	Not applicable
<b>Boiling Point:</b>	Not applicable	<b>Solubility (H2O):</b>	Insoluble
<b>Specific Gravity (Water=1):</b>	<1		

## \*\*\* Section 10 – Chemical Stability & Reactivity Information \*\*\*

### Stability:

Stable under normal conditions.

### Conditions to Avoid:

Keep away from heat, ignition sources and incompatible materials. Avoid dispersion of dust in air.

### Incompatible Materials:

This product may react with strong oxidizing agents. Drying oils (e.g. linseed oil).

### Hazardous Decomposition Products:

Primary combustion products are carbon monoxide, carbon dioxide and water. Other undetermined compounds could be released in small quantities.

### Hazardous Polymerization:

Will not occur.

## \*\*\* Section 11 – Toxicological Information \*\*\*

### Acute and Chronic Toxicity:

#### A: General Product Information

Testing indicates that combustion products from product are of similar toxicity when compared to test results from "solid wood." Product emits similar amount of smoke as compared to solid wood product when burned.

#### B: Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

### Carcinogenicity:

#### A: General Product Information

No information available for the product.

#### B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, or NTP.



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## Component Carcinogenicity For Chemicals Which May Be Released During Use

ACGIH, IARC, OSHA, and NTP carcinogen lists have been checked for those components that may be released during use.

### Wood dust (CAS# - None)

ACGIH A4 – Not Classifiable as a Human Carcinogen <sup>(a)</sup>

IARC Monograph 62; 1995 (Group 1 (Carcinogenic to humans))

<sup>(a)</sup> ACGIH 1999 Notice of Intended Changes. This intended change may or may not be adopted after the one-year trial period.

Exposure to wood dust increases the risk for developing cancer (adenocarcinoma) of the nasal and sinus passages.

## \*\*\* Section 12 – Ecological Information \*\*\*

### Ecotoxicity:

No data available for this product. This product is not expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

## \*\*\* Section 13 - Disposal Considerations \*\*\*

### US EPA Waste Number & Descriptions:

#### A: General Product Information

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

#### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

### Disposal Instructions:

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

## \*\*\* Section 14 - Transportation Information \*\*\*

### US DOT Information

Not regulated for transportation.

### TDG Information

Not regulated for transportation

### Additional Transportation Regulations:

No additional information available.

## \*\*\* Section 15 - Regulatory Information \*\*\*

### US Federal Regulations:

#### A: General Product Information

**OSHA Status:** This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).



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## B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

### SARA 311/312

Acute Health Hazard: No  
Chronic Health Hazard: No  
Fire Hazard: No  
Sudden Release of Pressure Hazard: No  
Reactive Hazard: No

## C: Clean Air Act

None of this product's components are listed on the Clean Air Act-1990 Hazardous Air Pollutants List.

## State Regulations:

### A: General Product Information

Other state regulations may apply. Check individual state requirements.

### B: Component Analysis - State

None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

## Other Regulations:

### A: General Product Information

All components are listed on the US EPA TSCA Inventory, or are not required to be listed.

All components are listed on the Canadian DSL, or are not required to be listed.

### B: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

WHMIS Status: Not Controlled

WHMIS Classification: None.

## \*\*\* Section 16 - Other Information \*\*\*

HMIS and NFPA Hazard Ratings:	Category	HMIS	NFPA
	Health	0	0
	Flammability	1	1
	Reactivity	0	0

NFPA Unusual Hazards None.

HMIS Personal Protection To be supplied by user depending upon use.

HMIS Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

NFPA Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe



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**Key/Legend:**

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; NFPA = National Fire Protection Association; HMIS = Hazardous Material Identification System; CERCLA = Comprehensive Environmental Response, Compensation and Liability Act; SARA = Superfund Amendments and Reauthorization Act; DSL = Canadian Domestic Substance List; EINECS = European Inventory of New and Existing Chemical Substances; WHMIS = Workplace Hazardous Materials Information System; CAA = Clean Air Act

**Revision Summary:**

This is a new MSDS. Read this information carefully.

Get OC MSDS electronically via Internet: <http://owenscorning.mtcibs.com> or by calling 1-419-248-8234.

This is the end of MSDS # 24883-01