



MATERIAL SAFETY DATA SHEET

QuietRock 500 Damped Wallboard

1. Product And Company Identification	
<p>Supplier Serious Materials, LLC 1250 Elko Dr Sunnyvale, CA 94089</p> <p>Telephone Number: 408-541-8000 FAX Number: 408-715-2560 E-Mail: support@seriousmaterials.com Web Site: www.seriousmaterials.com</p>	<p>Manufacturer Serious Materials, LLC 1250 Elko Dr Sunnyvale, CA 94089</p> <p>Telephone Number: 408-541-8000 FAX Number: 408-715-2560 E-Mail: support@seriousmaterials.com Web Site: www.seriousmaterials.com</p>
<p>Supplier Emergency Contacts & Phone Number None Given</p>	<p>Manufacturer Emergency Contacts & Phone Number None Given</p>
<p>Issue Date: 2/18/2009</p> <p>Product Name: QuietRock 500 Damped Wallboard MSDS Number: QR0707</p> <p>Product Code: QR-500 Product/Material Uses - Multilayer Drywall panel with high vibration and noise damping properties</p>	

2. Composition/Information on Ingredients		
Ingredient Name	CAS Number	Percent of Total Weight
Gypsum or Calcium Sulfate Dihydrate	13397-24-5	> 85
Cellulose	9004-34-6	< 10
Starch	9005-25-8	< 3
Rosin Ester	Proprietary, NJTSRN-5002	< 3
Ethylene Vinyl Acetate Polymer	24937-78-8	< 2
Crystalline Silica	14808-60-7	< 1
Fiberglass Scrim	65997-17-3	< 1
Methacrylic acid 2-hydroxyethyl acrylate polymer	70677-00-8	< 1
Hydrotreated Paraffinic Oil	64742-54-7	< 1
Acetyltri-n-butyl citrate	77-90-7	< 1
3-Iodo-2-propynyl butyl carbamate	55406-53-6	< 1
N,N dimethylethanolamine	108-01-0	< 1
Vinyl Acetate Monomer	5468-75-7	< 1
Water	7732-18-5	< 1

EMERGENCY OVERVIEW
<p>CAUTION: May cause irritation of the upper respiratory tract, eyes and skin. Use exposure controls or personal protection methods described in Section 8.</p>

3. Hazards Identification

CAUTION: Cutting, sanding, or otherwise working with this product may generate large amounts of dust. Dust can be irritating to the eyes, skin, and respiratory system.

Likely Routes of Exposure: Skin contact, eye contact, and inhalation.

Potential Health Effects:

Eye – Exposure to airborne dust may cause immediate or delayed mechanical irritation of eyes.

Skin – Dust and glass fibers may produce itching, rash and redness.

Ingestion Hazards – Not applicable under normal conditions of use. May result in internal discomfort or ill effects if large quantities are swallowed.

Inhalation hazards – Exposure to airborne dust generated during the handling or use of the product may cause irritation to nose, throat and upper respiratory system. Pre-existing upper respiratory and lung diseases may be aggravated. Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions such as coughing, sneezing and nasal irritation. Labored breathing may occur after excessive inhalation. Exposures to respirable crystalline silica have not been documented during normal use of this product. However, good housekeeping practices and industrial hygiene monitoring is recommended when the potential for significant exposure exists.

Medical Conditions Aggravated By Exposure: Because of irritating properties, dust and glass fibers may aggravate preexisting skin, eye, and respiratory conditions.

Target Organs: Skin, eyes and respiratory system

4. First Aid Measures

Eye Contact: Immediately flush eye thoroughly with water for at least 15 minutes. Remove contact lenses (if applicable). Seek medical attention if irritation persists.

Skin Contact: Wash skin with mild soap and plenty of water. Seek medical treatment if irritation develops and persists.

Ingestion: Not known. May result in obstruction and irritation if ingested. Seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

5. Fire Fighting Measures

Flammability Class: Non-Flammable by OSHA/WHMIS criteria.

Products of Combustion: None if below 1450°C. Above 1450°C, may include, and are not limited to: sulfur dioxide and oxides of carbon.

Fire And Explosion Hazards: None. Non-flammable. . Above 1450°C, may release product of combustion.

Extinguishing Media: Use the appropriate extinguishing media for the surrounding fire. Dry chemical, foam, water, fog or spray.

Fire Fighting Instructions: Water can be used to cool and protect exposed material. Firefighters should wear full protective clothing including self contained breathing apparatus.

6. Accidental Release Measures

- Not applicable, as product is an article composite.
- Collect panels from spillage and if not damaged or contaminated by foreign material, panels may be reclaimed.

General recommendations:

- Use exposure control and appropriate personal protect equipment (See Section 8).
- Maintain proper ventilation.
- Pick-up larger pieces to avoid a tripping hazard. Return large pieces of damaged/scraped material for recycling. Sweep or vacuum remaining material into a waste container for disposal. Use a light water spray to minimize dust generation.
- Dispose of in accordance with applicable federal, state and local regulations.

7. Handling And Storage

Handling And Storage Precautions

- Store material in a cool, dry, ventilated area.
- Use exposure control and appropriate personal protect equipment (See Section 8).
- Wash thoroughly after handling.
- Handle and store in a manner so that airborne dust does not exceed applicable exposure limits.
- Use adequate ventilation and dust collection. Avoid breathing dust. Minimize generation of dust.
- Launder contaminated clothing before reuse.
- Utilize proper lifting techniques when moving product and employ mechanical/ergonomic assistance when possible (i.e. move with forklifts, hold in place with lifts) to minimize the risk of back injury.
- Store panels flat to minimize damage and warping.
- Do not stack panels too high when storing to minimize the risk of falling.

8. Exposure Control/Personal Protection

Engineering Controls: The score and snap method of cutting is recommended. Sawing, drilling or machining will produce dust. Use with adequate general and local exhaust ventilation to maintain a dust level below the PEL/TLV.

Eye/Face Protection: Safety glasses with side shields or goggles.

Skin Protection: Wear protective gloves. Protective clothing to prevent skin contact is recommended.

Respiratory Protection: General room ventilation is normally adequate. In case of inadequate ventilation, use a NIOSH-approved respirator for particulates (eg. N95). OSHA's 29 CFR 1910.134 (Respiratory Protection Standard) must be followed whenever work conditions require respirator use.

Ingredient(s) - Exposure Limits:

Component	OSHA PEL (mg/m3)	ACGIH TLV (mg/m3)
Calcium Sulfate Dihydrate (Gypsum)	15 ^(T) 5 ^(R)	10 ^(T)
Crystalline Silica (Quartz)	0.1 ^(R)	0.025 ^(R)
Cellulose (Paper Fiber)	15 ^(T) 5 ^(R)	10 ^(T)
Fiberglass Scrim, synthetic, vitreous, continuous	15 ^(T) 5 ^(R)	1 f/cc ^(R)

T - Total Dust
R - Respirable Dust

9. Physical And Chemical Properties

Appearance: Peach Gypsum Panel 4'X8'X0.5".

Odor: No odor

Physical State: Solid

Evaporation: Not applicable

Upper Flammability Limit: Not applicable

Lower Flammability Limit: Not applicable

Percent Volatile, wt. %: none.

Freezing Point: Not applicable

Boiling Point: Not applicable

Flash Point: Not applicable

Auto-ignition Temp: Not applicable

Decomposition Temp: 2650°F

Specific Gravity: 55lbs/ft³ @ 68°F.

Solubility in Water: 0.26/100g

10. Stability And Reactivity

Stability: Stable.

Hazardous Polymerization: Will not occur.

Incompatible Materials: Unknown.

Hazardous Decomposition Products: Above 1450°C, gypsum will decompose to calcium oxide with releases of sulfur dioxide and various oxides of carbon.

11. Toxicological Information

In general, no adverse health effects are expected if product is handled as recommended with suitable precautions for designated uses.

Data presented is for the major component of this product: Gypsum (Calcium sulfate dehydrate).

Human Data

There is no information on toxicokinetics, metabolism and distribution.

There have been reports of irritation to mucus membranes of the eyes and respiratory tract upon acute exposure to dusts in excess of the recommended limits.

Chronic exposure to crystalline silica (a naturally occurring contaminant in gypsum) in the respirable size has been shown to cause silicosis, a debilitating lung disease. In addition, the International Agency for Research on Cancer (IARC) classifies crystalline silica inhaled in the form of quartz or cristobalite from occupational sources as carcinogenic to humans, Group 1. The National Toxicology Program (NTP) classifies respirable crystalline silica as a substance which may be reasonably anticipated to be a carcinogen.

Carcinogenicity: Hazardous by OSHA/WHMIS criteria.

Mutagenicity; Reproductive Effects: Teratogenicity; Embryotoxicity; Respiratory Sensitization; Skin

Sensitization: Not hazardous by OSHA/WHMIS Criteria

Target Organs: Lungs

Crystalline silica (quartz)

ACGIH – A2 – Suspected human carcinogen

IARC – 1 – The agent is carcinogenic to humans

NTP – 1 – Known to be carcinogens

Animal Data

The acute oral toxicity study [OECD TG 420, Fixed dose procedure] of calcium sulfate dehydrate showed that this chemical did not cause any changes even at 2,000 mg/Kg b.w. Therefore, the oral LD₅₀ value was more than 2,000 mg/Kg b.w. for female rats (Sprague-Dawley).

Calcium sulfate dehydrate was not irritating to the skin of rabbits at 1,24,48 and 72 hours after removal of test patches [OECD TG 404]. There is no indication of skin sensitization in guinea pigs [OECD TG 406].

Toxicologically Synergistic Materials: Not Available.

12. Ecological Information

Aquatic Toxicity: Unknown.

Other Environmental Information: Unknown.

13. Disposal Considerations

Dispose of according to federal, state and local government regulations. Recycle if possible.

RCRA Information - Product is not a RCRA Hazardous Waste.

14. Transport Information

Proper Shipping Name - Not regulated.

15. Regulatory Information

SARA Title III: Not listed under Sections 302, 304 and 313.

OSHA: Dust and potential respirable crystalline silica generated during product use may be hazardous.

Ingredient(s) – Canadian Regulatory Information: Crystalline silica: WHMIS Classification D2A.

All components of this product are included in the Canadian Domestic Substances List (DSL).

European Union (EU) Regulatory Information:

European Union Risk Phrases – none required

European Union Safety Phrases - none required

Toxic Substances Control Act (TSCA): All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

California Safe Drinking Water and Toxic Enforcement Act (Prop. 65):

Respirable crystalline silica is known to the state of California to cause cancer. Industrial hygiene monitoring during recommended use of this product failed to identify any respirable crystalline silica.

16. Other Information
Global Inventories:

Ingredient	Canada DSL/NDSL	USA TSCA
Calcium sulfate dihydrate	DSL	Yes
Fiberglass Scrim	DSL	Yes
Crystalline Silica (Quartz)	DSL	Yes

NFPA Rating

Health: 1

Fire: 0

Reactivity: 0

HMIS Rating

Health: 1

Fire: 0

Reactivity: 0

Personal Protection: E

WHMIS Classification(s)

Class D2A – Carcinogenicity

Class D2A – Chronic Toxic Effects

Reference Documentation

The following were the primary references used in the creation of this MSDS:

- Canadian Center for Occupational Health & Safety (CCINFO) MSDS Database
- Guide to Occupational Exposure Values, ACGIH 2002-2003
- U.S. National Library of Medicine Hazardous Substance Databank (HSDB)
- Registry Toxic Effects of Chemical Substances (RTECS)

Disclaimer

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