



MATERIAL SAFETY DATA SHEET

QuietRock 527

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: 4/21/2007 Revision Date: 03/24/2009</p> <p>Product Name: QuietRock 527 MSDS Number: QR0704-B</p> <p>Product Code: QR-527 Product/Material Uses - Multi-layer sound damping drywall.</p>	

2. Composition/Information on Ingredients		
Ingredient Name	CAS Number	Percent of Total Weight
Calcium Sulfate Dihydrate	10101-41-4	< 50
Magnesium Oxide	1309-48-4	< 30
Cellulose	9004-34-6	< 15
Magnesium Chloride	7786-30-3	< 10
Perlite	93763-70-3	< 5
Acrylate Copolymer	Not Available	< 5
Crystalline Silica	14808-60-7	< 3
Fiberglass Scrim	65944-17-3	< 1

EMERGENCY OVERVIEW

CAUTION: Dust generated from cutting, sanding, grinding, machining or sawing may cause irritation of the upper respiratory tract and eyes. Use exposure controls or personal protection methods described in Section 8.

3. Hazards Identification

Likely Routes of Exposure: Eye contact, and inhalation.

EFFECTS OF OVEREXPOSURE

Potential Health Effects:

Eye Hazards – Exposure to airborne dust may cause discomfort to the eyes resulting in irritation, redness and swelling. Seek medical attention if symptoms persist.

Skin Hazards – Not expected to be irritating. Dust and glass fibers may cause dryness, itching, rash and redness.

Ingestion Hazards – Not applicable under normal use. Ingestion of large enough amounts to cause significant health hazards is considered unlikely.

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 resulting in sneezing, coughing and nausea. Chronic exposures may result in lung disease (silicosis and/or lung cancer). 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.

4. First Aid Measures

Eye: Immediately flush eye thoroughly with water for at least 15 minutes. Remove contact lenses (if applicable). Seek medical attention if irritation persists.
Skin: 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 exposed individual to fresh air immediately. If breathing difficulty persists, seek medical attention.

5. Fire Fighting Measures

Flammability Class: Non-Flammable by OSHA/WHMIS criteria.
Products of Combustion: Not Known
Fire And Explosion Hazards: None. Not combustible/flammable. Material can splash and platter above 212°F. Closed containers may rupture and explode when exposed to extreme heat.
Extinguishing Media: Use the appropriate extinguishing media for the surrounding fire.
Fire Fighting Instructions: None. Water can be used to cool and protect exposed material.

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.
- Use exposure control and appropriate personal protect equipment (See Section 8).
- Pick-up larger pieces to avoid a tripping hazard. 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. Do not use when temperatures exceed 125°F and below 45°F.
 - Stack or store all panels flat to minimize damage and warping.
 - Do not stack panels too high when storing to minimize the risk of falling.
 - Panels are heavy and can fall over, causing serious injury or death. Do not stack panels too high.
 - 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.
 - Scoring and snapping is the method to be used when cutting the panels in order to reduce dust generation.
 - Use exposure control and appropriate personal protect equipment (See Section 8).

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 are recommended.
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)
Starch	15 ^(T) 5 ^(R)	10 ^(T)
Perlite	30 mppcf	3 ^(R) 10 ^(T)
Crystalline Silica (Quartz)	30 ^(T) 10 ^(R)	0.025 ^(R)
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: Paper covered panel with off white core
Odor: Low odor or odorless
Physical State: Solid
Specific Gravity: Not available
Evaporation: Not applicable
Flash Point: None
Auto Ignition Temperature: Not combustible
Decomposition Temp: None up to 1400°C
Solubility in Water (% by wt.): none

10. Stability And Reactivity

Stability: Stable.
Hazardous Polymerization: Will not occur.
Incompatible Materials: Hydrofluoric acid will dissolve Magnesium Oxide and can generate Magnesium Chloride fumes.
Hazardous Decomposition Products: Not known.

11. Toxicological Information

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

EFFECTS OF ACUTE EXPOSURE

Component Analysis

Ingredient	LD ₅₀ (oral)	LC ₅₀
Calcium sulfate dihydrate	2,000 mg/Kg (female rats)	Not available
Crystalline Silica (Quartz)	Not available	Not available

EFFECTS OF CHRONIC EXPOSURE

Chronic Effects: Hazardous by OSHA/WHMIS criteria. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling.
Carcinogenicity: Hazardous by OSHA/WHMIS criteria
Mutagenicity; Reproductive Effects: Teratogenicity; Embroyotoxicity; Respiratory Sensitization; SkinSensitization: Not hazardous by OSHA/WHMIS Criteria
Toxicologically Synergistic Materials: Not Available.

Target Organs: Lungs

Ingredient

Crystalline silica (quartz)

ACGIH – A2 – Suspected human carcinogen
IARC – 1 – The agent is carcinogenic to humans
NTP – 1 – Known to be carcinogens

Toxicologically Synergistic Materials: Not Available.

12. Ecological Information

Aquatic Toxicity: Unknown. Not believed to be toxic.
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 Hazard Classes: Acute Health Hazard; Chronic Health Hazard
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: <u>European Union Risk Phrases</u> – none required <u>European Union Safety Phrases</u> - 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.
CEPA - Domestic Substances List (DSL): All substances contained in this product are listed on the Canadian Domestic

16. Other Information
<u>NFPA Rating</u> Health: 1 Fire: 0 Reactivity: 0
<u>HMIS Rating</u> Health: 1 Fire: 0 Reactivity: 0 Personal Protection: B
<u>WHMIS Classification(s)</u> Class D2A – Carcinogenicity Class D2A – Chronic Toxic Effects
<u>Reference Documentation</u> The following were the primary references used in the creation of this MSDS: <ul style="list-style-type: none"> • 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)

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