

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

**Product Name:** Primacoustic ThunderTile Ceiling Tiles  
**Synonyms:** Glass Wool and Gypsum Composite Ceiling Tile  
**Product Use:** Ceiling Tile  
**Manufacturer Name:** Primacoustic, a division of Radial Engineering LTD  
**Address:** 1588 Kebet Way, Port Coquitlam, BC V3C 5M5 CANADA  
**Phone:** 1-800-939-1001 or 1-604-942-1001  
**Website:** [www.primacoustic.com](http://www.primacoustic.com)  
**MSDS Version Date:** 01/01/2014  
**MSDS Format:** According to ISO 11014:2009 & CPR & WHIMIS

**Section 2 - Composition / Information on Ingredients**

Ingredient Name	CAS Number	Ingredient % by weight	EC Number
Calcium Sulfate	7778-18-9	75 – 85%	231-900-3
Glass Wool	65997-17-3	15 – 20%	266-046-0
Phenolic Resin	9003-35-4	5%	N/A
Cellulose	9004-34-6	1 – 10%	232-674-9
Aluminum Foil	7429-90-5	1-5%	231-072-3

**Non-Hazardous Statement:** The remaining components of this product are non-hazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities that would influence the classification of this product.

**Section 3 - Hazards Identification**

**Emergency Overview:** Exposure to dust may be irritating to eyes, nose, and throat.  
**Route of Exposure:** Eye contact, skin contact, inhalation.

**Potential Health Effects**

**Eye:** May cause slight irritation.  
**Skin:** May cause slight skin irritation if internal material exposed.  
**Inhalation:** May cause irritation of respiratory tract. Inhalation not expected when used as directed.  
**Ingestion:** Ingestion of this product is unlikely.  
**Human Health Hazards:** No health effects are expected when used under reasonable conditions. Direct contact with eye may cause discomfort.  
**Important Symptoms:** See Section 11 for more information.  
**Physical and Chemical Hazards:** This product is combustible but not flammable class.  
**Environmental Hazards:** There are no known environmental hazards for this product.

**European Classification in Accordance with EC Directives 1999/45/EC:** N/A

**Appearance and Odor:** First layer has yellow fibrous core with faint resin odor. Second layer has white, chalky material between paper and foil facings.

**Section 4 - First Aid Measures**

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Ensure adequate flushing of the eyes by occasionally lifting the upper and lower eyelids. Do not rub or scratch eyes. Seek medical attention if irritation persists.
<b>Skin Contact:</b>	If a reaction occurs after skin contact, remove the contaminated clothing. Wash the affected area with soap and cold water. Seek medical attention if cough or other symptoms appear.
<b>Inhalation:</b>	If inhaled, move to fresh air. If symptoms persist, call a physician.
<b>Ingestion:</b>	Accidental ingestion of this material is unlikely. If this does occur, do not induce vomiting. If vomiting should occur spontaneously, keep the airway clear. Seek medical attention.
<b>Note to Physicians:</b>	Treat symptomatically and supportively.

**Section 5 - Fire Fighting Measures**

<b>Flammable Properties:</b>	Non Flammable.
<b>Flash Point:</b>	None.
<b>Flash Point Method:</b>	Not applicable.
<b>Lower Flammable/Explosive Limit:</b>	Not applicable.
<b>Upper Flammable/Explosive Limit:</b>	Not applicable.
<b>Extinguishing Media:</b>	Use agent most appropriate to extinguish surrounding fire.
<b>Protective Equipment:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
<b>Hazardous Combustion By-products:</b>	Carbon monoxide, carbon dioxide, nitrogen oxides, fumes and smoke may be generated by thermal decomposition.

**NFPA Ratings**

<b>NFPA Flammability:</b>	1
<b>NFPA Health:</b>	2
<b>NFPA Reactivity:</b>	0
<b>NFPA Other:</b>	

**Section 6 - Accidental Release Measures**

<b>Personnel Safety Precautions:</b>	Review Section 5 and Section 7 before proceeding with clean up. Use proper personal protective equipment as indicated in Section B.
<b>Environmental Protection Measures:</b>	Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers.
<b>Spill Cleanup Measures:</b>	Pick up large pieces and place into suitable container for disposal as a non-hazardous waste. Dust/powder generated should be cleaned by wet wiping or sweeping carefully. Do not dry sweep or use compressed air to remove dust/fibers. Calcium sulphate may plug drains. Avoid runoff into storm sewers and ditches which lead to waterways.

**Section 7 - Handling and Storage**

<b>Handling:</b>	Ensure proper ventilation. Avoid contact with eyes and skin. Avoid ingestion or inhalation.
<b>Storage:</b>	Store in a cool, dry, well-ventilated area away from incompatible substances (see section 10), any sources of ignition or heat, food and drink. Material should be kept dry and under cover. Protect from humidity and water. Handle carefully to avoid physical damage.
<b>Hygiene Practices:</b>	Wash hands immediately after handling the product. Remove contaminated clothing immediately and wash before re-use.

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

<b>Exposure Limit:</b>	No data available.
<b>Engineering Controls:</b>	Use adequate ventilation to keep airborne concentrations low.
<b>Eye/Face Protection:</b>	It is recommended to wear appropriate safety glasses.
<b>Skin Protection Description:</b>	Protective gloves. Recommend long-sleeved shirts and pants to limit exposure to skin.
<b>Other Protection:</b>	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
<b>General Hygiene Considerations:</b>	Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

**Section 9 - Physical and Chemical Properties**

<b>Physical State:</b>	Ceiling Tile
<b>Odour:</b>	Low to no odour.
<b>Odour Threshold:</b>	N/A
<b>Boiling Point:</b>	N/A
<b>Melting Point:</b>	N/A
<b>Specific Gravity:</b>	N/A
<b>Solubility:</b>	N/A
<b>Vapor Density:</b>	N/A
<b>Vapor Pressure:</b>	N/A
<b>Evaporation Rate:</b>	N/A
<b>pH:</b>	N/A

**Section 10 - Stability and Reactivity**

<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Hazardous Polymerization:</b>	Has not been reported.
<b>Conditions to Avoid:</b>	Incompatible materials, any sources of ignition or heat.
<b>Incompatible Materials:</b>	Strong oxidizing agents, acids, alkali.
<b>Hazardous Decomposition Products:</b>	In case of a fire, carbon oxides, hydrocarbons, nitrogen oxides, fumes and smoke may be generated by thermal decomposition.

**Section 11 - Toxicological Information**

**Effects of Acute Exposure:** Inhalation: May cause reparatory tract irritation if dust from inner core is inhaled.  
Skin: Direct contact to inner core with skin may cause irritation.  
Eye: Direct contact with inner core may cause irritation.  
Ingestion: May cause discomfort to digestive tract if ingested.

**Sensitization:** No data available.  
**Mutagenicity:** No data available.  
**Reproductive Toxicity:** No data available.  
**Teratogenicity:** No data available.  
**Neurological Effects:** No data available.

**Ingestion:**

Composition: CAS# 7778-18-9  
RTECS WS6920000

Composition: CAS# 65997-17-3  
RTECS LK3651000

Composition: CAS# 9003-35-4  
RTECS SM8542500  
LD50: > 5g/kg (oral, rat)  
LD50: > 2g/kg (skin, rat)

Composition: CAS# 9004-34-6  
RTECS FJ5691460  
LD50: > 5000 mg/kg (oral, rat)  
LD50: > 5800 mg/kg (skin, rat)

**Section 12 - Ecological Information****Applies to product**

Ecological Toxicity: Not available.  
Bioaccumulation: Not available.  
Persistence & Degradability: Not available.  
Mobility In Soil: Not available.  
Other Adverse Effects: Not available.

**Section 13 - Disposal Considerations**

**Disposal:** Should be in accordance with applicable regional and national laws and regulations. The generation of waste should be avoided or minimized wherever possible. Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery, recycling, reuse) according to local legislation. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Section 14 - Transport Information**

Not regulated as a hazardous material for transportation. (TDG; IMDG CODE 35-10 edition; IATA DGR)

**DOT:** Not Regulated.  
**IATA:** Not Regulated.  
**IMO:** Not Regulated.  
**TDG:** Not Regulated.

**Section 15 - Regulatory Information**

Reference to the local, national, US, Canadian, EU, CA, TDGA and international regulations.

CAS No.	TSCA	Canada	OSHA	California Prop 65	IECSC
7778-18-9	Listed	Listed in DSL	Listed	Unlisted	Listed
65997-17-3	Listed	Listed in DSL	Unlisted	Unlisted	Listed
9004-34-6	Listed	Listed in DSL	Listed	Unlisted	Listed
9003-35-4	Listed	Listed in DSL	Unlisted	Unlisted	Listed

**Section 16 - Other Information**

**MSDS Creation Date:** 09/28/2010  
**MSDS Revision Date:** 01/09/2013  
**MSDS Revision Notes:** Format Update  
**MSDS Author:** Jay Porter

**Notice to reader:**

To the best of our knowledge, the information contained herein is accurate. However, neither the manufacturer nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained within. 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.