



Sequatchie Concrete Service, Inc


SAFETY DATA SHEET (SDS)

Concrete Masonry Block

Section 1. Identification

Product identifier:	Concrete Masonry Block
Other means of identification:	Concrete block, pavers, retaining wall block
Identified uses:	Used in a variety of construction applications
Supplier's details:	Sequatchie Concrete Service, Inc. 406 Cedar Avenue South Pittsburg, TN 37380
Emergency telephone number:	423-837-7913 or 1800-824-7913 7am-5pm M-F

Section 2. Hazards Identification

Effects of overexposure:	Contains Crystalline Silica Eye: May cause irritation by abrasion with dust or chips. Skin: Concrete dust or chips may cause allergic reactions in hypersensitive individuals; May cause cuts and skin abrasions. Inhalation: dust or chips may cause congestion and irritation in nasal and respiratory passages. Ingestion: No known acute effects.
Signal word:	Warning
Pictograms:	
Hazard statements:	Concrete masonry products as shipped do not present an inhalation, ingestion or contact hazard. However, operations such as sawing/cutting and grinding may result in the following effects that are listed in section 11.
Hazards not otherwise classified:	Not applicable.

Section 3. Composition/Information on Ingredients

Substance/mixture:	Mixture of crushed stone and sand, Portland cement and various colors and admixtures		
CAS number:	N/A		
Product code:	N/A		
Ingredient name :	%	CAS Number	
Silica Quartz	<86	14808-60-7	

Portland Cement	<15	65997-15-1
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Section 4. First-aid Measures	
Inhalation:	Move to fresh air. Get medical attention if any symptoms develop or persist.
Skin contact:	Wash exposed area with soap and water. Get medical attention if irritation persists.
Eye contact:	Immediately flush eyes with plenty of water, for at least 15 minutes. Occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Do not attempt to remove debris yourself. Get medical attention if irritation persists.
Important symptoms/effects, acute and delayed:	
Inhalation:	Dust from cutting the block may cause respiratory irritation, shortness of breath and coughing. Prolonged inhalation may cause chronic health effects.
Indication of immediate medical attention and special treatment, if necessary:	
Notes to physician:	Treat symptomatically. Continue to monitor as symptoms may be delayed.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training. They should take note of the material and relay that information to the treating physician.
See toxicological information listed in Section 11.	

Section 5. Fire-fighting Measures	
Suitable extinguishing media:	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable extinguishing media:	None known.
Specific hazards arising from the product:	No specific fire or explosion hazard.
Hazardous thermal decomposition products may include:	None known
Special protective equipment and precautions for fire-fighters:	Fire-fighters should wear appropriate protective equipment for surrounding materials.

Section 6. Accidental Release Measures	
Personal precautions, personal protective equipment and emergency procedures for non-emergency responders.	Concrete Blocks have no known potential to have adverse effects on the environment or human health as they are a cured product and unless they are cut without wetting or crushed they are not a health or environmental hazard.

Section 7. Handling and Storage	
Precautions for safe handling:	Do not handle until all safety precautions have been read and understood. Reduce dust exposure, do not breath dust and avoid prolonged exposure to dust. Wear proper protective equipment.

Section 8. Exposure Controls/Personal Protection	
Appropriate controls:	Eyes and face: use face shield and ANSI rated safety glasses when cutting concrete block

	<p>For respiratory protection in case of cutting use an approved respirator according to the amount and size of particulates generated.</p> <p>Skin should be protected by wearing gloves and other clothing that covers as to reduce the risk of scrapes.</p> <p>Steel toe or safety toe shoes that have an ANSI rating that is appropriate would also be recommended when placing or moving the block.</p>
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Section 9. Physical and Chemical Properties

Appearance (physical state, color, etc.)	Solid, various shapes and colors	Upper/lower flammability or explosive limits:	N/A
Odor:	Odorless	Vapor pressure:	N/A
Odor threshold:	N/A	Vapor density:	N/A
pH:	N/A	Relative density:	N/A
Melting point/freezing point:	N/A	Solubility:	Not Soluble
Initial boiling and boiling range:	N/A	Partition coefficient: n-octanol/water:	N/A
Flash point:	Not flammable. Not combustible.	Auto-ignition temperature:	N/A
Evaporation rate:	N/A	Decomposition temperature:	N/A
Flammability (solid, gas):	N/A	Viscosity:	N/A

Section 10. Stability and Reactivity

Reactivity:	This material is stable and does not react in normal conditions of use, transportation or storage.
Chemical stability:	The product is stable
Possibility of hazardous reactions:	None known
Conditions to avoid:	None known
Incompatible materials:	None known
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological Information

Likely routes of exposure:	Dermal contact. Eye contact. Inhalation.
Symptoms:	
Inhalation:	Repeated inhalation of respirable crystalline silica (quartz) may cause silicosis. Silicosis is irreversible and may be fatal. Silicosis increases the risk of contracting pulmonary tuberculosis. Some studies suggest that repeated inhalation of respirable crystalline silica may cause cancer.
Skin contact:	It may be abrasive to the skin.
Eye contact:	May cause adverse symptoms if direct contact from dust is made such as: pain, watering and redness. Although regular handling of block should not cause any dust or irritants to the eyes.
Ingestion:	Although unlikely if ingestion does occur it should cause discomfort.

Delayed and immediate effects:	Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.						
Numerical measures of toxicity:	No data available.						
Ingredient name:	NPT	IARC	OSHA	MSHA	NIOSH	EPA	ACGIH
Quartz	Known to be a human carcinogen.	1	N/A	N/A	N/A	N/A	A2

Section 12. Ecological Information

Ecotoxicity:	No data available.
Persistence and degradability:	No data available.
Bioaccumulative potential :	No data available.
Mobility in soil:	No data available.
Other adverse effects:	No known significant effects or hazards.

Section 13. Disposal Considerations

The generation of waste should be avoided or minimized wherever possible. If disposal is necessary it must be done according to local and state laws or whatever governing body regulates the disposal thereof. It should never be dumped in sewers, drains, waterways, lakes or streams.

If the material is cut in wet cutting process the residue from that should also be disposed of in a manner that protects the environment and follows any laws that in place from local/state or federal agencies.

Section 14. Transport Information

UN number:	Not regulated.
UN proper shipping name:	N/A
Transport hazard class(es):	N/A
Packing group:	N/A
Environmental hazards:	N/A
Transport in bulk:	N/A
Special precautions:	Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory Information

OSHA Hazard Communication: This product is considered by OSHA to be a hazardous material and should be included in a hazardous communication program.

CERCLA/SUPERFUND: This product is not listed as a CERCLA hazardous substance.

EPCRA SARA Title III: This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 and is considered a non-hazardous material.

EPCRA SARA Section 313: This product is not subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

RCRA: If discarded in its natural form, this product would not be a hazardous waste either by listing characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

TSCA: Concrete block and crystalline silica is exempted from reporting under the inventory update rule.

California Proposition 65: Crystalline silica (airborne particulates of respirable size) and Chromium (hexavalent compounds) are substances known by the State of California to cause cancer.

WHMIS/DSL: Products containing crystalline silica are classified as D2A, E and are subject to WHMIS requirements.

Section 16. Other Information

Date of last revision:	May 2016
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***NOTICE TO READER/PRODUCT USER:**

While the information provided in this safety data sheet is believed to provide a useful summary of the hazards of product concrete masonry block as it is commonly used, this safety data sheet cannot anticipate and provide all of the information which might be needed in every situation. Inexperienced product users should obtain proper training before handling or using this product. Users should review any other relevant safety data sheets before working with this particular product or working on or with other concrete block associated products. If product user has purchased the product from Sequatchie Concrete Service, Inc. ("SCS"), then user acknowledges that any such purchase is subject to SCS Standard Terms and Conditions of Sale. Without limiting the generality of the foregoing, SCS makes no warranty, either express or implied, of any kind or of any nature whatsoever concerning this product or the merchantability or fitness thereof for any particular purpose or concerning the accuracy of any information provided by SCS, except that the product shall conform to any applicable contracted specifications. The information provided herein was believed by SCS to be accurate at the time of preparation, or was prepared from sources believed to be reliable, but it is the responsibility of the user to investigate, consult and understand any other pertinent sources of information to comply with all laws and procedures applicable to the safe handling, processing and use of the product and to determine the suitability of the product for its intended use. SCS's maximum obligation to user for the product shall be limited only to replacement or allowance of credit for any nonconforming product. Accordingly, user expressly agrees that SCS shall have no liability for loss or damage in excess of the price received for nonconforming or defective product or for losses or damages of any nature whatsoever, whether based on contract, breach of warranty, negligence, or otherwise, incurred or suffered by user or any other person or entity and user expressly releases SCS from any liability for any amounts in excess of the replacement of any such nonconforming (including defective) materials. In no event will SCS be liable for incidental or consequential damages. User must give SCS written notice within forty-eight (48) hours after delivery of any claim against SCS as a result of any alleged nonconforming materials or any other cause whatsoever, time being of the essence. SCS will be given reasonable opportunity to investigate all claims. Any failure by User to give written notice within such forty-eight (48) hour period will be deemed a conclusive waiver by User of all such claims against SCS.