

SAFETY DATA SHEET

For Further Safety
Information Contact:
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SECTION 1: IDENTIFICATION

Identity: Concrete Block, Pigmented Block, Pavers, SoundBlox®
Manufacturer's Name: Clayton Block Co., Inc.
Address: P O Box 3015, Lakewood, New Jersey 08701
Emergency Telephone Number: 732-751-7668
Telephone Number for Information: 732-751-7668
Recommended Use: Masonry Wall Construction; Masonry Veneers
Restrictions on Use: Use in accordance with ASTM standards
Date Prepared: January 1, 2013

SECTION 2: HAZARD(S) IDENTIFICATION

None in its solid state.
Dust can be produced during cutting, drilling, grinding, or other machining of the product.

Routes of Entry: Inhalation: Yes
Skin: No
Ingestion: Yes

Health Hazards (Acute): May cause irritation to eyes, nose, throat and skin. May cause coughing
Health Hazards (Chronic): Chronic exposure to dust from these products may lead to asthma, silicosis, emphysema or lung cancer.

Carcinogenicity: NTP: Yes (2000)
OSHA Regulated: Yes
IARC Monographs: Yes (1997)

Signs and Symptoms of Exposure: Coughing, eye irritation, nose and throat irritation, skin irritation.
Medical Conditions Aggravated
By Exposure: Asthma, emphysema, silicosis and other chronic pulmonary diseases.

(Sawing, crushing or grinding may cause the release of quartz dust. Quartz exposure may lead to silicosis, asthma, emphysema or other respiratory problems. Exposure to quartz dust has been associated with lung cancer. Acute exposure to dust from these products may irritate mucous membranes, such as eye, nose and throat; may cause skin irritation and may aggravate existing respiratory conditions.)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This product covers various concrete block products. Individual composition of hazardous constituents will vary between types of concrete block products.

Name	CAS #	Proportion
Portland Cement	65997-15-1	1 – 100%
Sand	14808-60-7	20 – 85%
Stone, gravel, slag		20 – 86%
Water	7732-18-5	0 – 20%

Other ingredients may be added:

Flyash		0 – 20%
Pigments (color dye)	1332-37-2	0 – 10%

SECTION 4: FIRST-AID MEASURES

Routes of Entry: Eye Contact: Rinse eyes thoroughly with water for at least 15 minutes, including under lids, to remove all particles. Seek medical attention for abrasions and burns.

Skin Contact: Wash with cool water and a pH neutral soap or a mild skin detergent. Seek medical attention for rash, burns, irritation, dermatitis, and prolonged unprotected exposure to wet concrete.

Inhalation: Move person to fresh air. Seek medical attention for discomfort or if coughing or other symptoms do not subside.

Ingestion: Do not induce vomiting. If conscious, have person drink plenty of water. Seek medical attention or contact poison control center immediately.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: N/A Flammable Limits: N/A LEL: N/A UEL: N/A Extinguishing Media: N/A
Special Fire Fighting Procedures: None Unusual Fire and Explosion Hazards: None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Precautions to be taken in case material is released or spilled: Avoid actions that generate dust. Normal clean up with shovel, scoop or broom or HEPA vacuum – limit dust generation. Avoid inhalation of concrete dust. Wear appropriate personal protective equipment.

SECTION 7: HANDLING AND STORAGE

Precautions to be taken in Handling and Storage: When stacking, store in a manner to prevent falling
Other Precautions: Wear NIOSH approved respirator and goggles when sawing or grinding.
When sawing use a wet saw.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Pel: Total dust = $\frac{30\text{mg}/\text{m}^3}{\% \text{ silica} + 2}$

Respirable dust = $\frac{10\text{mg}/\text{m}^3}{\% \text{ silica} + 2}$

ACGIH: 0.025 mg/m³ Respirable dust

Respiratory Protection	NIOSH approved particulate respirator in conditions above OSHA PEL
Ventilation	Local
Exhaust: Mechanical:	In confined areas
Protective Gloves:	Recommended
Eye Protection:	Tight fitting goggles recommended
Other Protective Clothing or Equipment:	None
Work/Hygienic Practices:	Good housekeeping techniques, launder dusty clothing promptly. Thoroughly wash skin after exposure to dust.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid	Odor: Odorless
Boiling Point: N/A	Specific Gravity: 2.5
Vapor density: N/A	Vapor Pressure (mm Hg.): N/A
Solubility in Water: Insoluble	Melting Point: N/A
Flammability: Non-Flammable	Evaporation Rate: (Butyl Acetate = 1): N/A
Freezing Point: N/A	Viscosity: N/A
pH (in water): 7	

SECTION 10: STABILITY AND REACTIVITY

Stability:	STABLE
Conditions to Avoid:	None
Incompatibility (Material to Avoid):	None
Hazardous Decomposition or By-Products:	None
Hazardous Polymerization:	Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION

Warning: Dry sawing or grinding of concrete masonry products may result in the release of dust particles (respirable crystalline quartz) which could cause minor eye or nose irritation if proper protective equipment is not in place. Minimum respiratory and eye protection is required as specified in the Safety Data Sheet (SDS) for Concrete Masonry products, Section 8, Control Measures, provided by this company. Failure to use appropriate respiratory protection when exposed to airborne respirable crystalline quartz for prolonged periods of time may cause delayed (chronic) lung injury (silicosis). Limited evidence is also available which suggest that respirable crystalline quartz may pose a carcinogenic threat to humans.

SECTION 12: ECOLOGICAL INFORMATION

N/A

Section 13: DISPOSAL INFORMATION

Dispose of in accordance with applicable local, state and federal regulations.
Crush, Recycle

Section 14: TRANSPORT INFORMATION

N/A

Section 15: REGULATORY INFORMATION

OSHA Hazard Communication:	This product is considered a regulated product and should be included in the employer's hazard communication program.
CERCLA/SUPERFUND:	This product is not a CERCLA hazardous substance.
EPCRA SARA Title III:	This product is a regulated product in accordance with OSHA HCS and is therefore regulated under Sections 311 and 312.
EPCRA SARA Section 313:	This product contains none of the substances 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 purchased form, this product would not be a hazardous waste either by listing or 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 silica are exempt from reporting under the inventory Update rule.
California Proposition 65:	Crystalline silica (airborne particulates of respirable size) is a substance known by the State of California to cause cancer.
WHMIS/DSL:	Products containing crystalline silica and calcium carbonate are classified as D2A, E and are subject to WHMIS requirements.

SECTION 16: OTHER INFORMATION

This Safety Data Sheet is provided in accordance with the OSHA Hazard Communication Standard (CFR 1910.1200). The SDS reflects the most recent, significant information in our possession. The OSHA Standard requires that all personnel be provided with accurate information on the hazards of the chemical they handle and be trained in proper work practices to minimize the risks from the hazards.

The SDS should not be construed as the sum total of all protective measures that may be taken. It is the responsibility of the employer to evaluate the information and to determine the extent of the hazard and what personal protective measures should be taken.

The information contained herein is based on data considered accurate; however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. If we may be of further assistance, please do not hesitate to contact us.

JULY/ 2013