



# MATERIAL SAFETY DATA SHEET

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## SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

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PRODUCT NAME: AERCON FLORIDA, LLC Autoclaved Aerated Concrete (AAC) Products (see product list at the end of the MSDS)

PRODUCT USE: load-bearing and no-load bearing components for interior and exterior walls, and floor and roof slabs

MANUFACTURED BY: AERCON FLORIDA, LLC  
3701 C.R. 544  
Haines City, FL 33844

MSDS Request Phone 1-863-422-6360

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## SECTION 2. COMPOSITION INFORMATION ON INGREDIENTS

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<u>COMPONENT</u>	<u>% BY WT.</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Quartz Sand	60-80	14808-60-7	10 mg/m <sup>3</sup> (as crystalline silica)	0.1 mg/m <sup>3</sup> (respirable)
Ca <sub>5</sub> (Si <sub>6</sub> O <sub>18</sub> H <sub>2</sub> )·4H <sub>2</sub> O	20-40		% SiO <sub>2</sub> + 2	

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## SECTION 3. HAZARDS IDENTIFICATION

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DESCRIPTION: AERCON FLORIDA, LLC Products

### EMERGENCY OVERVIEW

Grinding or cutting of these products may generate nuisance dusts. Acute exposure to dust may cause minor upper respiratory tract, lung, eye, nasal, and skin irritation.

POTENTIAL HEALTH EFFECTS

INHALATION: Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease which may be disabling. AERCON FLORIDA, LLC AAC Products generates product dusts and granules which are classified as non-quartziferous indicating that there is no real danger for contracting silicosis when exposed to nuisance dusts generated by AERCON FLORIDA, LLC AAC Products.

#### SIGNS/SYMPTOMS OF OVEREXPOSURE

EYE CONTACT: Dust can cause mechanical eye irritation.

SKIN CONTACT: Handling may cause dry skin.

INGESTION: Not applicable under normal use. May result in obstruction and temporary irritation of the digestive tract if large quantities are consumed.

INHALATION: Irritation of nose and upper respiratory tract, shortness of breath.

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### **SECTION 4. FIRST AID MEASURES**

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INHALATION: Remove to fresh air. If persistent irritation, severe coughing, or breathing difficulty occurs seek medical attention.

EYE CONTACT: Remove contact lenses. Flush eyes, including under eyelids, with large amounts of water for 15 minutes. If irritation persists, seek medical attention.

SKIN CONTACT: Wash affected areas with soap and water. If irritation persists seek medical attention.

INGESTION: May result in obstruction if ingested. Seek medical attention.

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### **SECTION 5. FIRE FIGHTING MEASURES**

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FLASH POINT: not applicable

FLAMMABLE LIMITS: not combustible

HAZARDOUS COMBUSTION PRODUCTS: none

AUTOIGNITION TEMPERATURE: not applicable

FIRE EXTINGUISHING MEDIA: not applicable

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### **SECTION 6. ACCIDENTIAL RELEASE MEASURES**

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To prevent obstruction, do not wash down drain. Sweep, vacuum, or otherwise place material into a waste container for disposal. If needed, use water spray to wet down and minimize dust generation. Wear approved respirator, if necessary.

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### **SECTION 7. STORAGE AND HANDLING**

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Allow material to remain in protective covering until use. Store in a dry area.

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## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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RESPIRATORY PROTECTION: Wear NIOSH approved respirator when permissible exposure limit to dust may be exceeded during cutting or grinding operations.

EYE PROTECTION: Recommend eye goggles or safety glasses for nuisance dust when cutting or grinding.

SKIN PROTECTION: Protective gloves may be desirable to prevent drying or irritation of hands.

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## **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE AND ODOR: White or gray blocks or panels. Little or no odor.

PHYSICAL STATE: solid	BOILING POINT:	not applicable
PH: 10-11	MELTING POINT:	not applicable
VAPOR PRESSURE: not applicable	SPECIFIC GRAVITY (H <sub>2</sub> O = 1):	.4-.7
VAPOR DENSITY: not applicable	SOLUBILITY IN WATER:	not soluble

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## **SECTION 10. STABILITY AND REACTIVITY**

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STABILITY: stable	INCOMPATIBILITY (MATERIALS TO AVOID): none
CONDITIONS TO AVOID: none	HAZARDOUS DECOMPOSITION PRODUCTS: none
	HAZARDOUS PLOYMERIZATION: not applicable

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## **SECTION 11. TOXICOLOGICAL INFORMATION**

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CRYSTALLINE SILICA: Crystalline silica is classified by the International Agency for Research on Cancer as a probable human carcinogen (Group 2A) with animal evidence sufficient. Respirable crystalline silica has been classified by the National Toxicology Program (NTP) as a substance which may reasonably be anticipated to be a carcinogen. Crystalline silica is not considered to be a carcinogen by OSHA.

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## **SECTION 12. DISPOSAL CONSIDERATIONS**

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This product is not considered hazardous waste under Federal Hazardous Waste Regulations 40 CFR 261. Please be advised that state and local requirements for waste disposal may be different from federal regulations.

Dispose of inert solids in landfill or by other procedures in accordance with local, state, and federal regulations.

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## **SECTION 13. TRANSPORT INFORMATION**

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This product is not a DOT hazardous material.

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## **SECTION 15. PRODUCT LIST**

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The following is a list of all AERCON FLORIDA, LLC AAC Products:

AERCON FLORIDA, LLC Block  
AERCON FLORIDA, LLC Tongue and Groove Block  
AERCON FLORIDA, LLC U-Block  
AERCON FLORIDA, LLC Clean Out Block  
AERCON FLORIDA, LLC Lintel  
AERCON FLORIDA, LLC Tongue and Groove Valu Block  
AERCON FLORIDA, LLC Interior Wall Panel  
AERCON FLORIDA, LLC Load-Bearing Wall Panel  
AERCON FLORIDA, LLC Floor Panel  
AERCON FLORIDA, LLC Roof Panel

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation, and verification. The buyer assumes all risk of use storage, and handling of the product in compliance with applicable federal, state, and local laws and regulations. AERCON FLORIDA, LLC FLORIDA, MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE ACCURACY OR COMPLETENESS OF THE INFORMATION AND DATA HEREIN. THE IMPLIED WARRANTIES OF MECHANABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED. AERCON FLORIDA, LLC will not be liable for any claims relating to the any party's use of or reliance on information and data contained herein regardless of whether it is claimed that the information and data are inaccurate, incomplete, or otherwise misleading.