

MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: Precast 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

MSDS Request Phone +1 (302) 525-0554

SECTION 2. COMPOSITION INFORMATION ON INGREDIENTS

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

SECTION 3. HAZARDS IDENTIFICATION

DESCRIPTION: AAC 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. 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 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.

SECTION 4. FIRST AID MEASURES

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.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: not applicable
FLAMMABLE LIMITS: not combustible
FIRE

HAZARDOUS COMBUSTION PRODUCTS: none
AUTOIGNITION TEMPERATURE: not applicable
EXTINGUISHING MEDIA: not applicable

SECTION 6. ACCIDENTIAL RELEASE MEASURES

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.

SECTION 7. STORAGE AND HANDLING

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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 ₂ O = 1):	.4-.7
VAPOR DENSITY: not applicable	SOLUBILITY IN WATER:	not soluble

SECTION 10. STABILITY AND REACTIVITY

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

SECTION 11. TOXICOLOGICAL INFORMATION

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.

SECTION 12. DISPOSAL CONSIDERATIONS

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.

SECTION 13. TRANSPORT INFORMATION

This product is not a DOT hazardous material.

SECTION 15. PRODUCT LIST

The following is a list of all ACCO AAC Products:

ACCO Block
ACCO Mini Panel
ACCO Lintel
ACCO Interior Wall Panel
ACCO Load-Bearing Wall Panel
ACCO Floor Panel
ACCO Roof Panel

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