



SMC Industries, Inc.

AU-1200 High Temperature, Pre-Molded Pipe Covering & Block

Safety Data Sheet (SDS)

Complies with 29 C.F.R. 1910.1200, Updated 11/1/2016

Section 1

Identification

Product Name: SMC AU-1200 High Temperature, Pre-Molded Pipe Covering & Block

Physical Appearance: Odorless, gold, formed composites with woven mesh on one or more exterior surfaces, shaped to conform to components high temperature industrial piping systems.

Manufacturer: SMC Industries, Inc.

3239 Phoenixville Pike 2260 Appelt Drive
Malvern, PA 19355 Houston, TX 77015
Phone: (610) 647-5687 Phone: (281) 860-9950

Recommended Use: For use as thermal insulation

Restrictions on Use: None

Section 2

Hazard(s) Identification

This product is not considered a carcinogen but only a nuisance dust when fabricating or cutting.

HCS Pictogram: Exclamation mark for respiratory tract irritant.



Section 3

Composition/Information on Ingredients

Chemical Identity: A mixture of expanded perlite, a processed silicate mineral consisting predominantly of amorphous silica, and sodium silicate, CAS Reg. No. 1344-09-8.

Component: Amorphous silica (perlite)

Percent: Approximately 75%

OSHA PEL: 20 mppcf respirable dust

ACGIH TLV®: 10 mg/cubic meter total dust

Component: Sodium silicate

Percent: Approximately 25%

OSHA PEL: Not established

ACGIH TLV®: Not established

Section 4

First Aid Measures

In case of inhalation, remove to fresh air. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Section 5

Fire Fighting Measures

Specific Fire Fighting Procedures: Not applicable, Noncombustible

Unusual Fire or Explosion Hazards: None known

Extinguishing media: Compatible with all media

Section 6

Accidental Release Measures

Not Applicable

Section 7

Handling and Storage

Waste Disposal: Landfill according to local, state, and federal regulations.

Regulatory Status: Not a RCRA hazardous waste.

Not a SARA Title III listed hazardous chemical.

Section 8

Exposure Controls/Personal Protection

Engineering Control: Use with adequate ventilation.

Respiratory Protection: Use NIOSH-approved dust mask or respirator where dust occurs.

Eye Protection: Use safety goggles when handling.

Gloves: Use cotton work gloves when handling.

Personal Hygiene: Avoid breathing dust. Wash thoroughly after handling.

Section 9

Physical and Chemical Properties

Solubility in Water: Slight.

Melting Point: Greater than 1200F.

Boiling Point: Data not available

Flash Point: Noncombustible

Vapor Pressure: Data not available

Vapor Density: Data not available

Evaporation Rate: Data not available

Specific Gravity: Less than 1

Flammability Limits: Not applicable

LEL: Not applicable

UEL: Not applicable

Section 10

Stability and Reactivity

Stability: Stable

Conditions to avoid: Not applicable

Incompatibility: Strong inorganic alkalis, hydrofluoric acid

Hazardous Decomposition Products: None

Hazardous Polymerization: Will not occur

Section 11

Toxicological Information

Source of hazard: The sole hazard of this material arises from dust which may be generated on cutting or abrading.

Inhalation: Dust causes irritation to lungs and respiratory tract.

Eye Contact: Dust may cause eye irritation.

Skin Contact: May cause skin irritation.

Ingestion: No hazards known or suspected.

Acute Exposure: Sneezing and dryness of mucous membranes (inhalation); Redness or tearing (eye exposure).

Chronic Exposure: No hazards known or suspected.

Not listed by OSHA, NTP, or IARC as a carcinogen.

Medical Conditions Aggravated by Exposure:

Asthma or lung diseases.

Section 16

Other Information

Prepared by: SMC Industries, Inc.

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Malvern, PA 19355

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State, Provincial or local laws.