

MATERIAL SAFETY DATA SHEET

Manufacturer: AMANCO Group of Companies

Distributor: U.S. Architectural Products, Inc.
55 Industrial Circle
Lincoln, Rhode Island 02865

Telephone number for information: 1-800-243-6677

I. PRODUCT INFORMATION

Product:	Cem-Stone and Cem-Steel
Chemical Name:	Cement Silicate
Chemical Family:	Portland Cement
Formula:	C ₄ AF, C ₃ A, C ₃ S, C ₂ S
CAS Registry Number:	65997151, NIOSH # VV8770000
DOT Shipping Name:	Cement Board n.o.s.
DOT Hazard Class:	None n.o.s.

II. HAZARDOUS INGREDIENTS

Component (s)	%	Hazard Information
Portland Cement	72	An allergen, may be harmful if swallowed.
Carbonated Cellulose Fibers	20	An allergen, may be harmful if swallowed.
Calcium Carbonate	8	None

III. PHYSICAL AND CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION DATA)

Boiling Point, degrees F:	Not applicable.
Vapor Pressure (mm Hg):	Not applicable.
Vapor Density (Air = 1):	Not applicable.
Solubility in Water:	Negligible (less than 0.1%)
Appearance and Odor:	Grey Board, odorless.
Flash Point, degrees F:	Not applicable, noncombustible substance.
Freeze/Melt Point, degrees F:	Not applicable.
Specific Gravity, at 25 degrees C:	1.12
Bulk Density, lbs/ft. ³ :	70
Percent Volatile By Volume:	None
Evaporation Rate:	Not applicable.
pH, in 25% distilled water slurry:	9.8
Flammability Limits in Air, % by Vol:	Not applicable.
Extinguishing Media For Fires:	Use water spray or appropriate media for surrounding fire, product is noncombustible.
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None

IV. PHYSICAL HAZARDS

Stability:	Stable
Conditions to Avoid:	High dust levels.
Materials to Avoid:	Corrosive acids.

Hazardous Decomposition Products: Oxides. Carbon Monoxide. Carbon Dioxide.
Hazardous Polymerization Products: Will not occur.

V. HEALTH HAZARD DATA

TLV: 10 mg/m³ OSHA PEL: Air 50 mmp cf LD₅₀: Non Toxic

Carcinogen or Potential Carcinogen: NPT: IARC: OSHA: None known
Skin: Dust may dry skin.
Eyes: Contact with dust can cause irritation.
Ingestion: May cause gastrointestinal pain.
Inhalation: May cause irritation to upper respiratory tract.
Effects of Overexposure: Dust may irritate nose, eyes, and throat.

VI. EMERGENCY FIRST AID PROCEDURES

Skin: Immediately flush with plenty of water for at least 15 minutes.
Eyes: Immediately flush with plenty of water for at least 15 minutes.
Get medical attention.
Ingestion: If swallowed and the person is conscious, immediately give large
amounts of water. Get medical attention.
Inhalation: If person breathes in large amounts of dust, move the exposed
person to fresh air environment.

VII. SPECIAL PROTECTION INFORMATION

Ventilation: Use adequate general or local exhaust ventilation to keep dust
levels as low as possible.
Respiratory Protection: None required where adequate ventilation conditions exist. If
airborne concentration of dust is high, use an appropriate dust
mask or respirator in extreme conditions.
Eye/Skin Protection: Safety glasses with side shields, proper gloves are
recommended while handling, cutting, installing.

VIII. SPECIAL PRECAUTIONS AND SPILL / LEAK PROCEDURES

Special Precautions: None
Spill or Leak Procedures: Sweep up and remove accumulated dust residue.
Disposal Recommendations: Dispose in accordance with all applicable federal, state,
and local environmental regulations pertaining to
masonry and Portland cement materials.