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# Mortar Net

## MATERIAL SAFETY DATA SHEET

### SECTION 1 MATERIAL IDENTIFICATION

**Material Name:** Mortar Net, fibrous web bonded or coated with polymers.

**Filler Type:** PET polyester

**Builder Type:** Polyvinylchloride

**Product Codes:** 215018

### SECTION 2 HAZARDOUS INGREDIENTS

**Antimony Trioxide (flame retardant):**  
CAS. #1309-64-4; 1.5–1.9%; PEL: 0.5 mg/cu.m; (see Section 6)

### SECTION 3 PHYSICAL DATA

**Density in lbs. per cu. ft.:** 1.0–1.4

**Melt point, °C:** Binder softens with heat; fibers melt over 480°F (249°C).

**Appearance and Odor:** Green color. Stiff fibrous structure. No distinctive odor.

### SECTION 4 FIRE AND EXPLOSION DATA

Flash point does not apply to these fibrous materials.

**Burning Characteristics:** Retarded burn rate.

**Explosive Limits:** Do not apply.

**Extinguishing Media:** Water spray, dry chemical, or carbon dioxide

**Fire-Fighting Procedures:** Wear positive pressure self-contained breathing apparatus and protective clothing.

### SECTION 5 REACTIVITY DATA AND PHYSICAL HAZARDS

This material is stable during normal use.

**Condition to Avoid:** Burning in an unventilated area. Any mechanical action that would pulverize product to create a respirable dust.

**Hazardous Decomposition Products:** Oxides of carbon, hydrogen chloride, and small quantities of aliphatic and aromatic hydrocarbons, antimony oxide and/or oxychloride.

### SECTION 6 HEALTH HAZARD INFORMATION

Antimony trioxide, a common flame retardant, is totally immobilized by the binder and poses little or no risk under normal product use. In the unlikely event that the product is pulverized to the extent that the binder releases a respirable dust, wear appropriate dust mask. Antimony trioxide has a LD50 ingestion for rats of >34.6g/kg. Chronic inhalation of the pure oxide can result in benign pneumoconiosis. A long-term inhalation study indicated commercial grade antimony oxide may have caused malignant lung tumors in laboratory rats.

No known acute or chronic health effects have occurred with this and similar products. This product is not known to be a sensitizer.

### SECTION 7 DISPOSAL PROCEDURES

**Waste Disposal Method:** Dispose of in accordance with current federal, state, and local regulations.

This product is non-biodegradable and is commonly landfillable. The fibers and binders used are not leachable in water.

### SECTION 8 SAFE HANDLING AND USE INFORMATION

**Respiratory Protection:** None required in normal use.

**Ventilation:** If product is hotwire cut or burned indoors, provide local exhaust.

**Protective Gloves:** None required.

**Eye Protection:** Safety glasses should be worn in any type of industrial operation.

The information contained herein is furnished without warranty of any kind. Users should consider this data as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the health and safety of employees and customers.