

## Section I PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer:** Royal Mouldings Limited

**Address:** Highway 11 and Bear Creek Road  
Marion, VA 24354

**Phone:** (276) – 783-8161 or (800) 368-5520  
**Emergency:** (800) – 424-0300 (CHEMTREC)

**Trade Name:** PVC, Polyvinyl Chloride      **Chemical Name:** PVC/Acrylic Copolymer

## Section II HAZARDOUS INGREDIENTS

Ingredient	CAS Reg. No.	Max. Percent	OSHA PEL	ACGIH TLV
Limestone	1317-65-3	17.5%	15 mg/m <sup>3</sup> (total)*	
5 mg/m <sup>3</sup> (respirable)*	10 mg/m <sup>3</sup> *			
Crystalline Silica	14808-60-7	0.4%	10 mg/m <sup>3</sup> ÷ (2+%SiO <sub>2</sub> ) -as respirable dust	
30 mg/m <sup>3</sup> ÷ (2+%SiO <sub>2</sub> ) -as total dust		0.05 mg/m <sup>3</sup> (respirable)		
Calcium Stearate	1592-23-0	1.1%	NE NE	
Titanium Dioxide	13463-67-7	7.8%	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

Ingredients are considered hazardous under OSHA Hazard Communication Criteria, but are generally bound in the polymer matrix of the profile. Some release of ingredients may occur when subjected to processes such as sawing, sanding, or abrading. Release of silica particles by physical methods such as sawing during installations would not be expected to present significant exposures compared to established exposure limits, as airborne concentrations of total product dust would have to exceed 10 mg/m<sup>3</sup> to exceed the TLV for crystalline silica. This also presumes all of the silica dust particles would be in the respirable dust size range.

\* Exposure limits for calcium carbonate, the main constituent of limestone.

## Section III HAZARDS IDENTIFICATION

**Emergency Overview:** None identified for product as purchased in plastic profiles in various colors.

**Symptoms of Overexposure:** None identified for product as purchased. Processing such as sawing, sanding, and abrasive applications that could release dust, or heating the product, could result in dust, vapor, or gas emissions that may cause eye, skin, or respiratory tract irritation.

**Potential Health Effects:** Dust from product may contain crystalline silica, a cause of silicosis and a substance identified as an occupational carcinogen; and linked to other health effects. Heating of the product could result in release of methyl methacrylate monomer, which may also cause health effects such as skin sensitization in susceptible individuals, and with sufficient exposure may affect kidneys, central nervous system, and liver. (See Section XI for additional health information).

**Potential Environmental Effects:** None identified. Material is not a RCRA Hazardous Waste.

## Section IV FIRST AID MEASURES

**Eyes:** Flush eyes with water for at least 15 minutes while lifting upper and lower eyelids. Seek medical attention if irritation or discomfort persists.

**Skin Contact:** Remove dust with soap and water. Obtain medical attention if irritation persists or allergic skin reaction occurs.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration or oxygen by trained personnel. Obtain immediate medical attention.

**Ingestion:** Treat supportatively and obtain medical attention as needed in the unlikely event ingestion is accomplished.

Medical Conditions Aggravated by Exposure: Breathing process emissions may aggravate