



# VIMASCO CORPORATION

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**760**

## HIGH TEMPERATURE FIBROUS ADHESIVE

760 is a sodium silicate based fibrous adhesive which is easily applied by brush or trowel (application method should be specified when ordering). Once dry, it maintains maximum adhesion and rigidity in relatively high temperature applications up to 800°F.

760 is most frequently used to bond dense, medium weight insulation materials such as calcium silicate and mineral wool, particularly where high temperatures will be present. It is recommended that a test application be done on any fibrous type of insulation if it contains a binder which might be adversely affected by the high pH of this adhesive.

For best results, both surfaces of insulation should be coated with 760 and allowed to stand open for a minimum of two minutes but not more than ten minutes prior to joining.

### **760 CONTAINS NO ASBESTOS, LEAD OR MERCURY COMPOUNDS.**

In the dry state it is soluble in water and therefore should be suitably protected if used in an application where exposure to water will occur.

### **NOTE:**

760 Nuclear Grade is available to comply with NRC Reg. Guide 1.36 or MIL-I-24244C(SH). This data sheet is not intended to represent exact data for 760 Nuclear Grade.

### **COLOR**

Tan

### **COVERAGE (ASTM C 461)**

50 to 75 sq. ft./ gal.

(1.22 to 1.83 m<sup>2</sup>/liter)

### **DRYING TIME (D 1640-69)**

Approximately 2 hours

(Depending upon temperature and relative humidity.)

### **WEIGHT PER U.S. GALLON (ASTM D 1475-60)**

11.4 pounds (1.37 kg/liter)

### **SOLIDS**

53% by weight

### **APPLICATION TEMPERATURE RANGE**

35°F (2°C) to 160°F (71°C)

### **SERVICE TEMPERATURE RANGE**

Maximum 800°F (427°C)

### **pH**

11 to 12

### **FLAMMABILITY**

Nonflammable in wet state.

Incombustible in dry state.

No flash to boiling @ 212°F (ASTM D 93)

### **CLEANUP**

Water

### **SHELF LIFE**

18 months

In unopened container @ 40° to 90°F

### **CAUTION**

The addition of water to this product will change physical properties and may adversely affect its performance. No expressed or implied warranty can be made on applications involving addition of water.

### **PRECAUTIONS:**

Do not freeze prior to application. Stir 760 well before using. High humidity will slow curing time. Sodium silicate is a skin and eye irritant; flush with plenty of clean water if such contact occurs. Ingestion will cause discomfort; call a physician.

In accordance with OSHA Standard 29 CFR 1910.12 (Right to Know Law) a Material Safety Data Sheet is available for this product and all Vimasco products.

### **ALL VIMASCO PRODUCTS ARE ASBESTOS FREE.**

or implied.

The methods and condition of application over which we can exercise no control are important factors in the performance of our products. We make specific recommendations for the application and use of all Vimasco products, but we cannot enforce our recommendations upon users; therefore, it is necessary that we state, as a condition of sale of our products, that we will replace or refund the purchase price of any Vimasco product found by our laboratories to be defective, but that we assume no responsibility beyond the purchase price of the materials.

No representative of our Company, Distributor, or Agent has any authority to change or extend this condition of sale.

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