

# 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.

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.

### CAUTION

Do not add water to this product as that will change its physical properties and performance. No expressed or implied warranty will be offered on applications where the product has been thinned or altered.

### 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 the product and all Vimasco products.

ALL VIMASCO PRODUCTS ARE ASBESTOS FREE AND CONTAIN NO LEAD OR MERCURY COMPOUNDS.



### TECHNICAL DATA

COLOR	Tan
COVERAGE (ASTM C 461)	50 to 75 sq. ft./ gal. (1.22 to 1.83 m <sup>2</sup> /liter)
DRYING TIME (ASTM 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
VOC (VOLATILE ORGANIC CONTENT, LESS WATER) ASTM D 3960	0 g/L MEETS REQUIREMENTS FOR LEED CREDIT 4.1

Vimasco products are designed to meet the needs of specific situations. They are warranted to be effective for their intended uses only. No further warranties are expressed 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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