

CHEMICAL NAME:

# FLAME STOP® V

## PRODUCT DATA SHEET



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### DESCRIPTION:

Flame Stop V Putty is a material that can be molded similarly to Play Dough.® The color is red and it is formed into 5 pound blocks, 12 blocks to a case. Each pound represents 24 cubic inches. Flame Stop V Caulking/Trowellable can either be trowelled or expelled from various types of caulking guns. Features of both products include no shrinkage, cracking, or slumping. It remains pliable under most atmospheric conditions (unless it exceeds F. for extended periods of time); however if pliability is reduced it will have no adverse effect on its fire retarding capabilities. For easy modification of penetrating items. The caulking/putty is intumescent to allow expansion when required. It is easy to install, does not require any fixtures, while remaining non-toxic, non-flammable and non-carcinogenic.

### BASIC USES:

For use when a penetration can not be permitted to transfer air, smoke, water or fumes. Product can withstand temperature of up to 2,000°F for 3 hours. Because it is an intumescent product, it can also be used on plastic piping. These products are commonly used for duct, power cable, telephone cable conduit, steel pipe, glass pipe, insulated pipe, plastic pipe and blank penetrations.

### INSTALLATION

Flame Stop V incorporates the most modern state of the art chemical formulation. It is not toxic or flammable, it minimizes smoke generation and requires no special handling equipment. Instead of elaborate installation systems like most other products, Flame Stop V requires the same installation method for every common type of penetration. This affords the estimator and the installer the luxury of minimum effort to complete the job. The caulking material may be applied with a fillable caulk gun (mechanical or pneumatic). It can also be trowelled with an appropriate trowelling tool. The putty can be hand worked to conform to the penetration requirement. It is important to make sure that the sealant contacts all surface to insure adhesion. For a 3 hour rating, it is necessary to place 1 inch depth of material on both sides of the penetration or a 2 inch depth on one side of the penetration. System sheets are available for all common penetrations. When exposing Flame Stop V to exterior atmospheric conditions, a latex paint should be applied to the product surface to prevent deterioration.

### LIMITATIONS:

A small scale compatibility test is strongly recommended when suitability to a given application is in question. However, ordinary construction materials have all been found to be compatible. A strong compatibility test is recommended.

### APPLICABLE STANDARDS:

The suitability of Flame Stop V Putty or Caulking for wall or floor penetration seals is evidenced by the results of fire endurance testing as defined in ASTM E-814 "Standard Method of Fire Tests of Through-Penetration Firestops" and ASTM L-119. It has also been tested and complies with UL 1479. The material successfully withstood 3 hours of fire exposure and the subsequent hose stream test in Most common configurations, as indicated by available test data. Flame Stop V also has passed IEEE 634 requirements.

\*\*\*\* After treatment a 24 hour conditioning period is necessary before testing \*\*\*\*

FLAMESPREAD 0 AND SMOKE DENSITY 20

### WARRANTY:

Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith.