PRODUCT SPECIFICATION SHEET

Product Name: Abesco CP310 Fire Rated Acrylic Intumescent Caulk

Specifications	
Physical State	Paste (White or Red)
Flash Point	>100° C [210° F]
Boiling Point	N/A
Viscosity	N/A
Specific Gravity	1.62 - 1.66 @ 200° C
Vapor Pressure	N/A
Vapor Density (Air=1)	N/A
Solubility in water	Miscible when wet
pH	8.4-9.2

Product Description
Abesco CP310 is a water based acrylic intumescent caulk which expands and forms an insulating char when exposed to fire or extreme heat. CP310 FR Acrylic Intumescent Caulk is easy to use and has excellent adhesion properties when used with most common building materials. It can be installed using a standard caulking gun (standard cartridge, 20 oz sausage, or bulk filled), pneumatic pumping equipment, or easily applied using a knife or trowel. CP310 does not contain any solvents, PCB's or asbestos, making it safe to use and environmentally friendly. Cleaning up is easy using just water, with no special handling requirements.

CP 310 FEATURES:
Easy installation – saves labor cost
Intumescent – expands in a fire to seal around services
Halogen Free
Paintable when dry (after inspection)
UL Classified – complies with Building Codes

Application
CP310 FR Acrylic Intumescent Caulk is used to seal gaps in construction and through-penetrations against the passage of fire, smoke and gases. CP310 has been tested where services penetrate through concrete walls and floors, and drywall constructions, and is suitable for use around copper and steel pipes, steel conduits, electrical cables, data and telephone cables, PVC and CPVC pipes (up to 2" diameter), HVAC ducts, and is also used with other Abesco products such as Z240 Pipe Collars and Series 2 Pipe Wraps.

Specifications
All installations shall be in strict accordance with manufacturers printed instructions. The firestopping caulk shall be a one part water based acrylic intumescent sealant, and shall be tested in accordance with ASTM E814 (UL1479) and classified by Underwriters Laboratories Inc for up to 2 Hour rating.
All through penetrations shall be sealed with a UL Classified system or device as listed within the current UL Fire Resistance Directory, or have approved shop drawings prior to installation. Suitability for a particular application should be determined prior to installation.

Testing & Performance Data
Tested in Accordance with ASTM E814, UL1479, UL Classified 1 and 2 Hour rating, Please visit the UL website for details on our current system

First Aid Measures	
If Inhaled	Remove to fresh air. No emergency care anticipated.
If on Skin	Wash skin thoroughly with soap and water or a recognized skin cleaner. Do not use solvent or thinners.
If in Eyes	Contact lenses should be removed. Irrigate copiously with clean fresh water for at least 10 minutes, holding eyelids apart, and seek medical advice.
If Swallowed	If accidentally swallowed, wash mouth with water and give water to drink. Do not induce vomiting.
Exposure Controls / Personal Protection	
Ventilation	General (natural or mechanically induced fresh air movements)
Eye Protection	Eye protection designed to protect against liquid splashes should be worn
Skin Protection	Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water. Cloth gloves are suitable.
Respiratory Protection	None normally required
Handling and Storage	
Usage Precautions	Avoid contact with skin and eyes. Smoking, eating, and drinking should be prohibited in areas of storage and use. Keep containers closed when not in use. Never use high pressure to empty - the container is not a pressure vessel. Ensure good housekeeping and regular safe removal of waste materials.
Storage Precautions	Observe label precautions. Store between 40 F and 75 F in a dry, well-ventilated place away from sources of heat. Protect from frost. Keep out of reach of children. Store separately from oxidizing and strongly alkaline and strongly acidic materials.
Stability and Reactivity	
Stability	Stable under the recommended storage and handling conditions
Conditions to Avoid	None
Incompatibility	None known
Hazardous Decomposition	In a fire, hazardous decomposition products such as smoke, carbon dioxide, and oxides of nitrogen may be produced. Keep away from oxidizing agents and strongly alkaline and strongly acidic materials to prevent the possibility of an exothermic reaction
Regulatory Information	
Hazard Communication	The product is considered to be an "article" as defined in the federal OSHA Hazard Communication Standard.
DOT Shipping Name	Not regulated
Air (IATA) Shipping	Not regulated
Ocean (IMDG) Shipping	Not regulated
TSCA Inventory Status	Chemical components listed on TSCA inventory
SARA Title III, Section 313	This product is classified as an "article" and is not subject to reporting under Section 313 or SARA Title III.