



Space Age Technology



Patent Pending

## UNIVERSAL XCT-1™

Flame Resistant Coating and Texture, a Thermal High Temperature Insulation Coating Insulates up to 1800 F (980 C) SPRAYED FIRE RESISTIVE MATERIAL.

### APPLICATIONS: COMMERCIAL, INDUSTRIAL AND RESIDENTIAL

An exclusive formula flame and heat inhibiting compound. A SUPERIOR GRADE. Thermal high temperature insulated coating rated Class "A", Class I. Specifically formulated for maximum protection on ceilings and walls, steel beams where high fire and heat resistance is required. INTERIOR applications. For other uses contact your distributor or corporate office. A system to achieve 30- 45 minutes, 1 and 2 hour ratings. Because it can be applied on most surfaces and hard to reach areas, XCT-1 solves many problems that must be addressed. Can also be used as a fire stop. 1/8 inch= 30 min.. 1/4 inch=1 hour, 1/2 inch or more =2 hour resistance. Tested by Universal Protective Technologies under direct flame 2000 degrees. Approximate spread rate is 40 - 50 sq. ft. per package of dry-mix at 1/4 inch thick rate.

UNIVERSAL FIRE-SHIELD™, UNIVERSAL PROTECTIVE TECHNOLOGIES Structural Steel XCT-1™ Fireproofing Systems manufactured products are tested to ASTM E-119, UL 263, UL 2079, UL 723, UL 1479 and 1709 for interior structural fireproofing applications of structural steel members, decking, tanks and vessels. Property test: ASTM E-605, E-760 Passes, E-759 Passes, Flame spread 5, Smoke Development 0. Temperature conductivity ASTM C-447 from 100 F degrees to 1800 F degrees. Package shelf life 2 years

**UNIVERSAL XCT-1™** Trade Secret Formula, Intellectual Property. MSDS information:= This organic and inorganic based compound high temp coating with gypsum, quartz, perlite and other ingredients.. Total Solids =100%, weight per bag 33 lbs., Flash Point=0 Non-flammable, Color = Lt. gray , Volatility= no asbestos, PBD, Fungus= anti-fungus, Bacteria=mildly resistant, Linear shrinkage=sleight, Corrosion=none, Preservative=excellent,. These chemicals and compounds comply with all United States Federal Regulations. Meets or exceeds city, county and state codes. There are no PBD or EPA issues to date.

### APPLICATION PROCEDURE:

Can be applied by power pump sprayer systems, hoppers, rotor, auger, plaster pump systems and others. For best results apply XCT-1™ by building the thickness to desired level. Allow to dry slightly between coatings. Applicator of chemical must wear protective clothing, eye ware, neoprene gloves and a painters mask or any good respirator type mask, the same as for paint or dust. Allow to dry between coatings. Clean up any over spray as soon as possible, clean up equipment as soon as possible with water and detergent soap. Mildly toxic during application phase only. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. If chemical gets into eyes wash out immediately flood with water. SAME PRECAUTIONS AS FOR ALL CHEMICALS.

Classified: Flame resistant and high temperature insulator.

### SURFACE BURNING CHARACTERISTICS OF APPLIED COATING

A Superior Grade. Fire Rated Class "A" Flame Spread =5, Smoke developed =0, Flash point= 0, Organic and inorganic compound aqueous based coating and compound Class I and 2.

**UNIVERSAL FIRE SHIELD, LLC**  
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