COTE-L’S INDUSTRIAL CEASEFIRE™ PRODUCTS

CEASEFIRE™ two-part epoxy coatings are based on our proprietary non-halogenated phosphate technology. All of our phosphates are manufactured in house for our exclusive use. The active ingredients in CEASEFIRE™ two-part epoxy coatings are not water soluble and will not leach out over time. When exposed to heat and/or fire, our CEASEFIRE™ two-part epoxy coatings form a continuous char foam that protects products from both heat and flame.

Product: CEASEFIRE™ HIGH PERFORMANCE TWO-PART WHITE EPOXY COATING

Description: A unique two-part, solvent-less, flexible, 100% epoxy fire retardant coating containing COTE-L’s state-of-the-art flame preventative intumescent CEASEFIRE™ additive. It exhibits very low heat flux for superior heat resistance where very low thermal conductivity is required. CEASEFIRE™ HIGH PERFORMANCE FIRE RETARDANT TWO-PART WHITE EPOXY has passed flame spread and toxicity tests and is DNV and ABS certified for use on ships and mobile off-shore units throughout the accommodation. It is used in such areas as stairwells, walls, ceilings, doors, kitchen areas and areas which need to be cleaned on a regular basis. It performs exceptionally well on steel, masonry, wood and plastics in industrial settings, as well as domestic applications.

Properties:

- Cures to a very tough, chip-resistant finish
- White in color
- Can be tinted
- Can be used indoors and outdoors
- Insoluble in water
- Can be thinned with solvents
- High gloss finish
- Low smoke generation
- Very low smoke toxicity
- Char activates at 300°C
- Char swells up to as much as 1.5"
- Contains very low load levels of CEASEFIRE™ additive, which allows for a thinner coating with superior performance to the competition. Low load level does not impede performance of the coating. (Note: in order to produce fire retardant properties, competitive products add large amounts of minerals, sugars or starches, thus necessitating higher material costs, labor intensity to install and limits on useability.)
- Provides very efficient flame barrier
- Stops flame spread and minimizes smoke generation and smoke toxicity.
- ASTM E84 Flame Spread test rating = 5 (Class “A” flame spread req. 25 or below)
- ASTM E84 Smoke Density test rating = 5 (Class “A” smoke density requires 450 or below)
- DNV Certified for I.M.O. (International Marine Organization) MSC.41 (64) Smoke and Toxic Products of Combustion. CEASEFIRE™ rate an average of 96% below minimum allowable level of toxicity.
- High thermal insulation
- Excellent adhesion to metal, masonry, wood and plastics
- Excellent impact resistance
- Can be applied by roller, brush or spray
- Tough
- Superior chemical resistance
- Washable
- Highest quality pure epoxy (bisphenol A) [has high structural integrity – not based on epoxidized oils]
- Spread rate: 5 mils = 300 SF/Gal, 10 mils = 150 SF/Gal
- To repair: clean surface and recoat anytime
- Apply to clean dry surface
- Working life = ± 6 hours
- Tack-free in 24 hours
- 3 days full cure