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 CLEAR EPOXY COATING

Description: A unique two-part, solvent-less, flexible, 100% epoxy 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. It is used to protect wood surfaces or any other area where a clear high gloss finish is needed.

Properties:

- Cures to a hard finish
- 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 1"
- 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 = 10 (Class “A” flame spread req. 25 or below)
- ASTM E84 Smoke Density test rating = 10 (Class “A” smoke density requires 450 or below)
  - 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:
    - One coat on sealed wood, 5 mils;
    - Two coats on unsealed wood, 5 mils
    - 150 SF/Gal @ 10 mils thick
  - 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