



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:

<ul style="list-style-type: none"> ▪ 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. <ul style="list-style-type: none"> ○ ASTM E84 Flame Spread test rating = 10 (Class "A" flame spread req. 25 or below) 	<ul style="list-style-type: none"> ○ ASTM E84 Smoke Density test rating = 10 (Class "A" smoke density requires 450 or below) <ul style="list-style-type: none"> ▪ 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: <ul style="list-style-type: none"> ○ 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
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