CEASEFIRE™ HIGH PERFORMANCE TWO-PART WHITE EPOXY*  
DNV Certificate No. F-1668  
Epoxy Flame Retardant and Intumescent Coating

CEASEFIRE™ HIGH PERFORMANCE TWO-PART WHITE EPOXY is a unique two component epoxy fire retardant-intumescent coating based on our proprietary non-halogenated phosphate technology. All of our phosphates are manufactured in house for our exclusive use.

When exposed to heat and/or fire, CEASEFIRE™ HIGH PERFORMANCE TWO-PART WHITE EPOXY forms a continuous char foam that protects products from both heat and flame. The active ingredients in CEASEFIRE™ products are not water soluble and will not leach out over time.

CEASEFIRE™ HIGH PERFORMANCE TWO-PART WHITE EPOXY has a gloss finish and the lowest heat flux for maximum heat resistance. The viscosity is easily reduced by the addition of solvents. Pigments, anti-settling agents and other flame retardants may also be incorporated.

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<th>Specifications</th>
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<tr>
<td>% Solids</td>
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<tr>
<td>Mix Ratio (A:B)</td>
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<tr>
<td>Mix Viscosity @ 25°C</td>
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<td>Working life @ 25°C</td>
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<td>Tack free set time @ 25°C</td>
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<td>Full cure @ 25°C</td>
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**Typical Properties** — 10-mil thick coating

- Flammability Rating (UL94) V-0
- IMO A.653(16) Pass for marine coating
- MSC.41(64) Pass for marine coating
- Glass Transition Temp 80°C
- Hardness Shore D 72
- Peel Strength 6.5 lbs/inch
- Elongation to break 12%
- Char height over 1.0 inches
- Char initiation temp 300°C
- Thermal Conductivity of Char $1 \times 10^{-4} \text{ cal sec cm}^2 \text{°C/cm}$
- Air Convection through Char $0.001 \text{cc } 760 \text{ mmHg}$

This char foam rises in 20 to 40 seconds. Once this char layer forms, smoke generation is almost entirely eliminated, the burning ceases, and coated surfaces are thermally insulated. CEASEFIRE™ HIGH PERFORMANCE TWO-PART WHITE EPOXY has DNV Type Approval for use as a coating on ships and mobile off shore units throughout all accommodations.

* Patent Pending