



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.

Specifications	
% Solids	100%
Mix Ratio (A:B)	100:27
Mix Viscosity @ 25°C	35,000 cps
Working life @ 25°C	2 hours
Tack free set time @ 25°C	12 hours
Full cure @ 25°C	48 hours
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	$\# 1 \times 10^{-4} \frac{\text{cal}}{\text{sec cm}^2 \text{ } ^\circ\text{C/cm}}$
Air Convection through Char	$\# .001 \text{cc } ^\text{a} \text{P (mmHg)}$ $\text{cm}^2 \text{ sec}$

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