



CEASEFIRE™ AC-2 FIRE RETARDANT ADDITIVE Technical Data Sheet

CEASEFIRE™ AC-2 additive is a new revolutionary flame retardant / intumescent agent. **CEASEFIRE™ AC-2** is ideal for incorporation into thermoset coatings and foams, potting compounds, fiberglass reinforced structures, as well as electronic laminates and many other applications. **CEASEFIRE™ AC-2** has been proven successful in epoxy, phenolic, acrylic, vinyl acetate, urethane and PVC resin systems.

When blended into your resin system, **CEASEFIRE™ AC-2** will react to heat and or flame to foam and form a thick, high yield char barrier. The char barrier will extinguish fire and prevent further flame spread. Additionally, the char foam insulates and protects the coated substrate from heat and fire damage.

CEASEFIRE™ AC-2 is halogen free and does not evolve the highly toxic and corrosive gasses associated with many other fire retardants. **CEASEFIRE™ AC-2** does all this at loading levels of only 10-20%.

| Specifications | Values |
|--|---------------------------|
| Halogen Free | Yes |
| Toxic Gases | No |
| Corrosive Gases | No |
| Non Water Soluble | <1% @ 76.67°C, or 170°F |
| Appearance | Free flowing white powder |
| Normal Sizing Particle | 3-5 microns |
| Char Forming Efficiency | 99% min. |
| Purity | 98% min. |
| pH (10% slurry) in 7.0 H₂O | 4-4.5 |
| Normal Loading % by Weight | 8-10 |
| Char Activation Temp | 200-240°C (DS 300°C) |
| Content of Material | Organo Phosphate |

