



MAXICHAR

Maxichar is a new revolutionary flame retardant / intumescent agent. Maxichar is ideal for incorporation into thermoset coatings and foams, potting compounds, fiberglass reinforced structures, as well as electronic laminates and many other applications.

Maxichar has been proven successful in epoxy, acrylic, vinyl acetate, urethane and PVC resin systems.

When blended into your resin system, Maxichar 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.

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

Take fire protection to the Max with Maxichar

<u>Characteristics</u>	<u>Typical Values</u>
Appearance	Free flowing white powder
Particle Size	100% through 100mesh (finer grinds available on request)
Purity	98% min.
Solubility in H ₂ O	Less than 1% @ 170°F
Char forming efficiency	99% min.
Char activation temperature	300°C