



LOW VISCOSITY RESIN

MAS Low-Vis Resin offers some near-perfect features: EASY wet-out of your material, NO VOC's for a better environment, and NO BLUSH when you're done! Whether you're building a high performance boat or a kayak, a motorcycle or an airplane, you can count on MAS to deliver - Strong, Simple and Sure.

Low-Vis resin is a superior blend of low molecular weight epoxy resin and reactive diluents, designed to produce an easy-flowing reliable system with low drip and no blush - and NO volatile organic compounds (VOC's). MAS Low Viscosity Epoxy Resin is typically used at room temperatures using your choice of MAS hardeners (Fast, Medium and Slow) in a 2:1 mix ratio, resin : hardener.

MAS Low Viscosity Epoxy Resin can be used in a huge variety of applications including boat hulls and structures which need to completely exclude moisture, as well as laminating and bonding of nearly all materials. When modified with MAS fillers such as wood powder or Colloidal Silica the resin can be used as a filling and fairing compound with outstanding results.

This resin boasts a 600 cps viscosity for smooth, easy wet-out of fiberglass laminations. The reduced viscosity of MAS Low Viscosity Epoxy Resin provides for complete wet out of fiber reinforced fabrics and reduces the potential for voids and other imperfections. MAS Low Viscosity Epoxy Resin is formulated from 100% low molecular weight reactive solids (for excellent moisture exclusion), and displays less than 1% shrinkage when cured.

STORAGE LIFE: MAS Low Viscosity Epoxy Resin is specifically formulated for use and storage in adverse conditions. A non-crystallizing formula allows the resin to remain clear and flow at very low temperatures, though curing will take longer. MAS Epoxy Resin will last a minimum of 12 months in a sealed container. Experience has shown the shelf life in most circumstances to exceed two years.

SPECIFICATIONS:		TYPICAL PROPERTIES:	
Color (Gardner) max.(light amber)	3	Specific Gravity @77 ⁰ F	1.08 - 1.13
Brookfield Viscosity @77 ⁰ F, cp	850-1000	Density (lb/gal) @77 ⁰ F	9.6
% Hydrolyzable Chloride Max	0.07	Flash Point (closed cap) ⁰ F	>200
Epoxy Equivalent Weight	200	% Reactive Solids	100
Mix Ratio 2:1 Resin to Hardener		Mixed Viscosity with MAS Hardener	550-650 cps