

Specialties for **INDUSTRIAL WOOD** applications

Eastman has a unique portfolio of specialty additives and solvents to help meet performance and appearance requirements for industrial wood coatings in North America. Eastman produces essential raw materials that enhance the beauty and performance of industrial wood coatings and finishes. Our products help formulators improve the gloss, smoothness, clarity, and durability of topcoats, sealers, primers, and stains for furniture, flooring, and joinery.

Our capabilities extend beyond supplying raw materials to hands-on formulation assistance, education, and regulatory knowledge. We work closely with formulators to help them develop products that balance environmental, production, and cost constraints with high performance, beauty, and quality.



Eastman™ cellulose-based specialty polymers

For more than 40 years, Eastman™ CABs (cellulose acetate butyrates) and Eastman™ CAPs (cellulose acetate propionates) have been used as co-resins or additive raw materials, providing a number of benefits to 2K PU/acrylic coatings, acid-cure coatings, UV coatings, and other wood coating technologies. Benefits include resistance to discoloration from

UV light, reduced drying time, improved flow and leveling, improved matting efficiency, improved physical properties, and fast hardness development, maximizing productivity.

Performance solvents

Specialty solvents such as Eastman™ MAK, MIAK, MPK, as well as Eastman™ EEP solvent (ethyl 3-ethoxypropionate) and Eastman™ IBIB (isobutyl isobutyrate) provide good solvent activity over a wide range of evaporation rates which improve the processing and performance of wood coatings.

These products show excellent solvency to typical wood coating binders and allow formulators to maximize coating solids content and reduce VOC levels for a given application viscosity.

Performance additives and plasticizers

Eastman Solus™ 2100 performance additive improves flow and leveling, dry-to-touch time, and polishability of high-solids coatings. Solus 2100 performance additive offers good compatibility with the alkyd resins commonly used in wood coatings and has excellent non-yellowing characteristics.

Eastman™ SAIB (sucrose acetate isobutyrate) is used as an extender resin in wood sealers and topcoats. It may serve to increase nonvolatile content by levels of 10%–15% solids with no significant increase in viscosity. While SAIB has some plasticizing effect at these levels, it does not cause appreciable film softening and often improves adhesion. SAIB has excellent solubility and compatibility with resins and other modifiers and has very good light stability.



Eastman Chemical Company is committed to being its customers' strategic partner of choice, developing and delivering differentiated solutions that meet and anticipate their needs.

N O R T H A M E R I C A N E D I T I O N

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Material Safety Data Sheets providing safety precautions, that should be observed when handling and storing Eastman products, are available online or by request. You should obtain and review the available material safety information before handling any of these products. If any materials mentioned are not Eastman products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be observed.

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