

Eastman Solus™ performance additives for flexible packaging and ink applications

Ink formulators and flexible packaging brand owners need products that are versatile, durable and safe. Products containing Eastman Solus™ performance additives deliver on all counts. They're durable enough to work in a range of platforms and are safer to manufacture, store and use.

Performance

- Solus™ works in numerous printing platforms, including UV offset, rotogravure, flexographic, screen and inkjet.
- Compatible with a range of solvents, it readily dissolves in many common acrylate monomers.
- Increased adhesion in energy-cured inks, modified rheology, improved flow and leveling, and better transfer properties are realized when Solus™ is used as a primary letdown vehicle in resins or co-resins.
- Overprint varnishes formulated with Solus™ provide high gloss and excellent grease resistance properties, and they are nonyellowing.
- Solus™ grades with lower molecular weight are useful in inkjet as rheology modifiers. They're also good for improving drop integrity and viscosity stability.

Safety

- Safer and easier to use as compared to nitrocellulose
- Less flammable than nitrocellulose
- Easily stored and handled as a dry powder with a long shelf life
- Select Solus™ grades manufactured under Current Good Manufacturing Practice (CGMP) regulations to support safe use in sensitive applications such as food contact

Certifications

Eastman is committed to responsibly and reliably serving customers by complying with regulations that are important to manufacturers and consumers.

Food contact:

- Multiple grades are compliant with U.S. Food and Drug Administration (21 CFR), European Commission (Regulation 10/2011) and the Swiss Ordinance on Materials & Articles in Contact with Food (SR 817.023.21).
- The CGMP process gives latitude in ink and coating formulations that are compliant with international food-contact regulations.



Want to know more?

Eastman's technical experts are available to guide companies seeking ink formulation solutions. For more information, go to eastman.com or contact an Eastman representative.



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