

CYTEC



**Innovative
Materials
for Displays**

Cytec offers a broad range of technologies and application expertise for display materials related to adhesives, coatings, inks, and additives. In addition, efforts are ongoing within these technology areas to develop products addressing the existing and emerging needs of the display market.

Adhesives and Adhesive Materials

Cytec develops specialty formulations and solutions to meet unique and complex customer needs.

- UV curable GELVA® GMR products offer strong, fast curing, low cost, and green adhesive technology for high speed applications on low and high energy surfaces
- GELVA® GME and GELVA® GMS, emulsion and solvent technology, provide solutions for unique and demanding customer requirements
- CYDROTHANE® polyurethane dispersions for superior substrate adhesion and flexibility
- CONAP® formulated resins for display encapsulation applications

Coating Materials

Cytec is a global leader in coating materials through its radiation curing, liquid coating, and powder coating technologies. Leveraging all of our coating technologies, Cytec provides solutions for currently unmet needs of the displays market.

- EBECRYL® UV curable resins for light management, barrier, and protective coatings, and BEF applications
- ALNOVOL® phenolic resins for TFT photo resist production
- CONAP formulated resins for conformal coatings for PCBs for displays and other electronic applications
- CYASORB CYENERGY SOLUTIONS™ stabilizers for coatings extend lifetime via superior UV protection



Ink Materials

Cytec possesses considerable formulation and application expertise for UV/EB curable inks. Some of the ink application technologies where our expertise resides are flexographic, gravure, and screen printing.

- EBECRYL resins for UV curable conductive inks
- EBECRYL resins for UV curable dielectric inks
- CYDROTHANE polyurethane dispersions for printing of dielectric inks on polyester



Additives

Cytec has a 50 year history of supplying leading edge materials that help improve the performance and extend the life of plastics and films.

- CYASORB® and CYASORB THT light stabilizers and absorbers for enhanced UV and thermal protection and light management in display components

CYTEC'S DISPLAY CREDENTIALS

For over 20 years, Cytec has used its technology and application development expertise to create chemical and material solutions, formulated to perform specific and important functions, for the displays market.

- Supplier of custom products for major display market participants
- Active member of the:
 - Flexible Display Center at Arizona State University
 - FlexTech Alliance
 - Society for Information Display
- Engaged in collaborative projects at academic and industry institutions



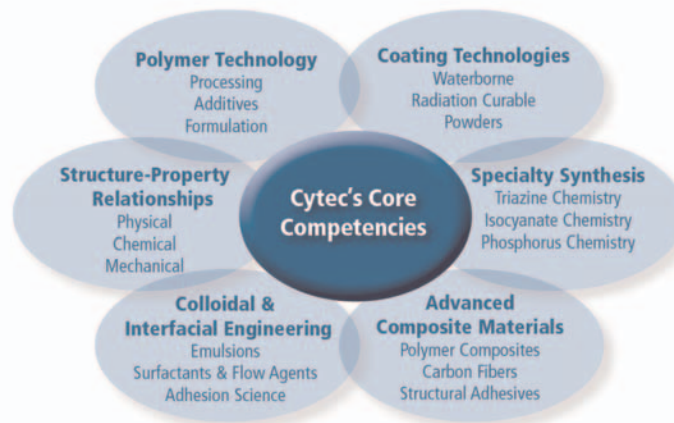
About Cytec

Cytec Industries Inc. is a \$3.6 billion global specialty chemicals and materials company focused on developing, manufacturing and selling value-added products.

- Worldwide network of research centers
- Worldwide research and technical service laboratory network
- New products developed according to the 12 Principles of Green Chemistry
- More than 30 worldwide production facilities with ISO certified production available in Asia, Europe, and the Americas.

Industries served include:

- Aerospace
- Adhesives
- Automotive and industrial coatings
- Chemical intermediates
- Electronics
- Inks
- Mining
- Plastics



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