

# UCECOAT® 7230



For hardcoat applications on plastics

**allnex**  
The Coating Resins Company

## Radcure

UCECOAT® 7230 is a new, **green** unsaturated aliphatic polyurethane dispersion, our first waterborne UV dispersion resin specifically designed for plastic hardcoat applications. It offers direct adhesion to many plastic substrates, including ABS and PC/ABS.

## Value Proposition

- ✓ **Superior performance**
  - ✓ Very high hardness with superior abrasion resistance compared to solvent-based UV 6f hardcoat
  - ✓ Very good balance of hardness and flexibility to reduce cracking and brittleness of the coating
- ✓ **Great aesthetics**
  - ✓ Excellent optical properties (high gloss and low haze)
  - ✓ Low yellowing after cure
- ✓ **Good compatibility with conventional and UV waterborne resins**
  - ✓ Ideal to boost the performance of a waterborne formulation
- ✓ **ENVIRONMENTALLY-FRIENDLY**
  - ✓ Tin-free
  - ✓ Low VOC (solvent-free)

**UCECOAT® 7230**  
Target applications

### Industrial plastics



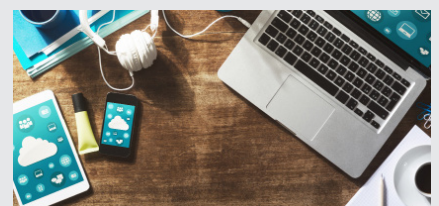
### Automotive interior



### Cosmetic plastics



### Consumer electronics



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**Waterborne UV hardcoat resins** provide environmentally-friendly opportunities with a hardness performance as high as that of 100% UV, but without requiring dilution solvents or monomers for low viscosity spray gun applications.

### SOLVENTBORNE UV

HIGH PERFORMANCE



LOW VISCOSITY



HIGH SOLIDS



### WATERBORNE UV

HIGH PERFORMANCE



LOW VISCOSITY



HIGH SOLIDS



LOW VOC (VOLATILE ORGANIC COMPOUND)



Please contact us for additional information on starting-point formulas, recommended additives or any other questions regarding UCECOAT® 7230 resins.

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