

# OPADRY® II

High Performance Film Coating Systems



Elegant Film Coating Systems Delivering High Adhesion,  
Quality Finish and Manufacturing Efficiency



Opadry®II, high productivity film coating systems, offer superior film gloss and short processing times. The product line includes fully formulated dry blend clear, pigmented or white systems for the aqueous film coating of pharmaceutical and nutritional oral solid dosage forms. Opadry II systems are water soluble, pH independent film coatings, which allow immediate disintegration for fast release of drug actives.

### Superior Film Finish

- Higher film adhesion overcomes tablet edge defects
- Optimized film mechanics allow successful coating of difficult shapes and brittle or friable tablet cores, even at low application levels
- Improved light stability of pigmented formulas compared with traditional HPMC systems, reducing batch-to-batch or tablet-to-tablet color variation
- Enables excellent logo definition even with challenging designs
- Provides lower level of water permeation and superior oxygen barrier protection

### Process Advantages

- Solutions can be applied at solids levels  $\geq 25\%$  for maximum film coating productivity\*
- Wide processing range simplifies use on all types of coating equipment, including continuous film coating machinery
- Improved bulk tablet flow properties – even on non-standard shapes – increases packaging speeds, resulting in a 15% time savings
- Equipment cleaning with water enables faster equipment turnaround

### Available in Clear or Pigmented Formulas

- Ready-to-use dry mix contains polymer, plastisizer and pigments color-matched to your specifications
- Clear formulas available, which can also provide superior oxygen barrier protection or for a natural core appearance (eg - bi-layer tablets or naturals)

### Regulatory Acceptance

- Non TSE/BSE implicated
- All formulations are specifically designed to meet the regulatory requirements of the user, regionally or globally, for either pharmaceutical or dietary/food supplement applications
- Aqueous-based for enhanced operator safety and reduced regulatory issues

\*Solids level recommendations are based on formulation type and equipment.

Contact your Colorcon representative or call:

**North America**  
+1-215-699-7733

**Europe/Middle East/Africa**  
+44-(0)-1322-293000

**Latin America**  
+54-11-5556-7700

**India**  
+91-832-6727373

**China**  
+86-21-61982300

You can also visit our website at [www.colorcon.com](http://www.colorcon.com)

## Deliver high-performance products — with Colorcon

Choose Colorcon, leader in pharmaceutical solid oral dose solutions, as a formulation partner in every phase of your product development. Our solution capabilities originate from two main areas of expertise:

### Formulation Technologies:

- Full range of functional excipients
- Technologies for development and production of delayed/enteric release and extended/controlled release tablets and multiparticulates
- HyperStart® service and extensive applications data to provide starting formulations to save you development time and money
- Extensive formulation know-how and technical support to achieve the exact drug release profile desired

### Film Coatings:

- Optimized formulations specifically for your application and regulatory needs including customized colors and color matching
- Innovative products for mechanical integrity, gloss, pearlescence, and environmental protection
- Brand enhancement concepts, consulting and services to build a strong brand image and stand out from the competition

From formulation and tablet design through product differentiation and branding, Colorcon gives you everything you need to deliver high-performance products.



©BPSI Holdings LLC, 2016. The information contained in this document is proprietary to Colorcon, Inc. and may not be used or disseminated inappropriately.

All trademarks, except where noted, are property of BPSI Holdings LLC.