

# Opatint<sup>®</sup>

Liquid Color Concentrate



Custom, one-step color solutions for improved quality and process efficiency in soft and hard gelatin capsule manufacture

  
**Colorcon<sup>®</sup>**  
Working Together for a Healthier World

# Opatint®

Liquid Color Concentrate

Opatint® liquid dispersion is a fully-formulated product for the coloring of soft and hard gelatin capsules used in the pharmaceutical and dietary supplement industries, as well as food and confectionery applications.

The components used to color Opatint liquid dispersions are FDA approved FD&C Dye and Lake, or non-synthetic pigments (derived from natural sources) in a liquid medium which includes glycerin, various oils, propylene glycol, water or hydro-colloid dispersions.

## Formulated for Convenient Coloring

- A wide color palette can be achieved to match the diverse marketing aims of manufacturers
- Batch-to-batch color reproducibility is assured, with each formula tested to meet established color specifications
- Opatint is available in an opaque, translucent or pearlescent finish, allowing flexibility in final appearance
- Cost effective, with usage level in the final product typically 0.5 to 5.0%, depending on color intensity and specific application.

## Ease-of-Use

- Fully formulated, simply pour and use
- Liquid system results in better color intensity compared to dry powder and reduces problems of poor pigment dispersion
- Eliminates airborne powder cross contamination, helping to keep work areas clean

## Broad Regulatory Acceptance

- All ingredients are approved for use in pharmaceutical and dietary supplement products
- Opatint formulations are developed to meet the regulatory requirements of both required geographic and market segments

Selection of an optimally formulated coloring liquid is critical to efficient and effective production during the manufacture of soft and hard gelatin capsules. Contact your Colorcon Technical Manager to determine the best Opatint option for your product.



Full supporting product and applications literature is available through the Colorcon website.

## 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
- 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.

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

[colorcon.com](http://colorcon.com)

© BPSI Holdings LLC, 2018. The information contained herein, to the best of Colorcon's knowledge, is true and accurate. Any recommendations of Colorcon with regard to the products provided by Colorcon are made without warranty, either implied or expressed, because of the variations in methods, conditions and equipment which may be used in commercially processing the products. Colorcon makes no warranty that the use of the products provided by Colorcon will not infringe any trademark, trade name, copyright, patent or other rights held by any third person or entity when used in the customer's application. Any regulatory information provided is intended solely as initial general guidance. Each customer is responsible for determining the regulatory acceptability of the finished product in their specific application. All trademarks, except where noted are property of BPSI Holdings LLC.

