

# Acryl-EZE<sup>®</sup>

Aqueous Acrylic Enteric System



Fully Formulated Systems with Targeted  
pH Resistance for Enteric Coating



**Colorcon<sup>®</sup>**

Working Together for a Healthier World

## Ensuring the Best Match for Your Application

Delayed release oral solid dosage forms are widely used to protect the gastric mucosa from irritating actives or to protect drugs sensitive to gastric fluids.

Acryl-EZE®, aqueous acrylic enteric systems are a range of fully formulated high-performance coatings that provide pH targeted resistance. The formulations are designed for use on tablets or multiparticulate solid oral dosage products, including proton pump inhibitor (PPI) applications.

## Targeted pH Applications

pH 1.2	pH 4.5	pH 5.0
Acryl-EZE	Acryl-EZE / Acryl-EZE II	Acryl-EZE II with top-coat

Acryl-EZE is available for use with choice of plasticizer for application flexibility and customization, and protects against acidic conditions with fast release in buffer (small intestinal fluids) conditions.

Acryl-EZE II is an optimized high-performance coating that offers enteric protection in the intermediate pH range media, suitable for proton pump inhibitor (PPI) applications and provides enteric protection at lower weight gains compared to Acryl-EZE systems.

## Performance Validated through *In Vivo* Studies

Acryl-EZE II formulations can provide enhanced enteric protection up to pH 5.0 through the addition of a specialized top-coat. In vitro drug assay performance has been validated with a human volunteer study in the challenging fed state conditions demonstrating comparable bioavailability on omeprazole multiparticulates.

## Time Savings in Development and Production

- Fully formulated, complete system
- Simple to dispense and disperse (20 minutes), with easy cleanup
- Reduced raw material inventory and QC requirements
- Application flexibility

## Reliable and Reproducible Performance

- Simple coating procedure using conventional processes
- No curing step required, for most applications

## Meeting Regulatory Requirements

The ingredients used in Acryl-EZE formulations meet the requirements for the key pharmaceutical markets around the world. Choose from a range of acceptable pigment options to meet your marketing needs.

## Deliver high-performance products — with Colorcon

Choose Colorcon, leader in pharmaceutical solid oral dose solutions, as a formulation partner of choice in every phase of your product development.

### 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.

### 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 cost
- Extensive formulation know-how and technical support to achieve the exact drug release profile desired

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)

