

# Aqueous polymeric coatings for pharmaceutical dosage forms

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Description: -

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Drugs -- Coatings. Aqueous polymeric coatings for pharmaceutical dosage forms

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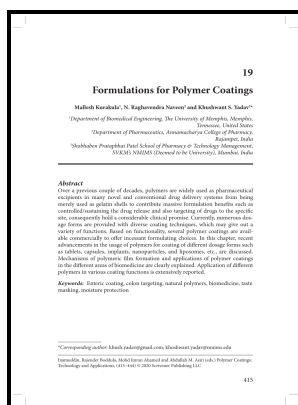
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Drugs and the pharmaceutical sciences ; Aqueous polymeric coatings for pharmaceutical dosage forms

Notes: Includes bibliographical references and index.

This edition was published in 1997



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## Coating / Layering

New to the Third Edition: the interaction of drugs with functional polymers the influence of processing parameters on coating quality the stabilization of polymeric film coats plasticizers and their applications in pharmaceutical coatings adhesion of polymeric films to solid substrates basic properties of latex and pseudolatex colloidal dispersions Key topics included: polymer interactions with drugs and excipients physical aging of polymeric films a complete overview and in-depth analysis of recent advances in the field, which includes information on the latest equipment used to apply polymers to a pharmaceutical system illustrated examples explaining the appropriate steps to be taken in order to solve formulation, processing and stability problems to achieve an optimized dosage form.

## Aqueous Polymeric Coatings For Pharmaceutical Dosage Forms Third Edition

Upon further solvent evaporation, the particles flow together due to the cohesive forces between the polymer spheres, a process known as coalescence.

Tags: #Aqueous #Polymeric #Dispersions  
#for #Film #Coating #of #Pharmaceutical  
#Solid

## Key formulation variables in tableting of coated pellets

Pharmaceutically-acceptable excipients must, of course, be of sufficiently high purity and sufficiently low toxicity to render them suitable for administration to the subject being treated. Importantly, these effects could be avoided with appropriate curing conditions and preparation techniques for the coating dispersions.

Today, these enteric polymers are marketed most notably by Evonik formerly known as Röhm GmbH under the proprietary Eudragit brand name.

### **Pharmaceutical dosage form with multiple coatings for reduced impact of coating fractures**

Process parameters Spray rate The spray rate is an significant parameter since it impacts the moisture content of the formed coating and, subsequently, the quality and uniformity of the film 7,15,16. Wax beads as cushioning agents during the compression of coated diltiazem pellets. Several different types of Eudragit polymers with enteric release capabilities are commercially available in a wide range of different physical forms aqueous dispersion, organic solution, granules and powders.

### **Aqueous Polymeric Coatings for Pharmaceutical Dosage Forms (Drugs and the Pharmaceutical Sciences), Macromolecular Chemistry and Physics**

Eur J Pharm Sci 2002;17:145-51. Aqueous polymeric coatings for pharmaceutical dosage forms drugs and the pharmaceutical sciences bert klumperman stellenbosch south africa search for more papers by this author bert klumperman stellenbosch south africa search for more papers by this author first published 10 february 2009.

### **Aqueous polymeric coatings for pharmaceutical dosage forms**

McGinity Thoroughly updated and expanded, this new 3rd edition provides the latest information on dosage, forms, film defects, and polymer characterization. Therefore, the core should preferably contain a material that undergoes plastic deformation during compression. This fourth edition of Aqueous Polymeric Coatings for Pharmaceutical Dosage Forms aims to provide insight into the factors and parameters that should be considered and controlled for the successful development and commercialization of a coated product.

### **Aqueous Polymeric Coatings for Pharmaceutical Dosage Forms, Second Edition, edited by James W. McGinity**

Read Also: Frequently asked questions What are enteric-coated tablets? Almost all drug molecules can be formulated in a tablet and process of manufacturing of tablets is very simple and is very flexible. Desferrioxamine oral delivery system 1992-06-15 2001-04-24 Emisphere Technologies, Inc. Jackson Anesthetizing plastics, drug delivery plastics, and related medical products, systems and methods 1993-10-07 2004-08-04 Euro-Celtique Orally administrable opioid formulations having extended duration of effect 1993-11-23 1995-12-26 Euroceltique, S.

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