



Review Article

**A REVIEW: NOVEL SOLVENTLESS COATING TECHNIQUES
FOR TABLET DOSAGE FORM.**

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ABSTRACT

Tablet coating is perhaps one of the oldest pharmaceutical processes still in existence. Earlier, Sugar coating was adopted for pharmaceutical purpose from confectionary industry. But as it was tedious process and required skilled manipulation, film coating was started to be preferred over sugar coating. Development of film coating was mainly based on solutions of different polymers in various organic solvents. All these solvents are not environment friendly and toxic in nature. Till date the problems like material cost, toxic effects due to coating or pollution etc were of less concern. In today's competitive business environment, any cost saved will improve the success of any product. Therefore, industries are left with no other choice but to eliminate the use of organic solvents and to start using the solvent less system for tablet coating. The main focus of this review is, to study various methods of solvent less tablet coating techniques.

KEYWORDS: *Solvent less, compression coating, Photo curable, Impaction, Supercritical*