

# INTERNATIONAL Convention on Colorants - 2009

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## Colorants - Special applications

**Sambit Roy**  
Clariant Chemicals (India) Ltd.

Sambit Roy is a Chemical Engineer from REC - Jaipur and has very rich experience of over 13 years in the field of colourant applications. He has served in various capacities ranging from Production manager at M/s Kesoram Rayon to General Manager of Technical Services/Marketing - Specialties Business at Clariant Chemicals (India) Ltd.

He is a core member of the Global colorant team of Spl Applications, Clariant.

He is widely traveled person with numerous overseas assignments for technical services and business promotional activities.



### ABSTRACT

Significant quantities of colorants produced world-wide are used for traditional applications viz paints, printing inks, plastics and textile applications. However, apart from these conventional applications of colorants, there are various special applications which are not so common but highly requirement specific. The key challenges for the colorants industry at present are the use of eco friendly colorants and to fulfill global requirements of product safety norms. Although we come across these colored articles in our daily life we are not aware of special requirements for their coloration and various laws & regulations that have to be satisfied.

Some of the special applications include stationery eg. writing ink, stamping ink, artist color & creative materials and color pencils. Currently articles made of latex have become common, hence the requirements and the process of coloration are discussed. Viscose is one of the oldest "man made fibre", known as fashion fibre & colorants play very important role and therefore several attempts are made to improve the various fastness properties of these vibrant colors. Another popular application segment is fast moving consumer goods (FMCG) which are highly regulated and various stability factors are the prime requirements. Seed coating application is one of the rare applications of colorants which has to meet the strict requirement on local legislation.

This presentation gives an overview on application processes, technical requirements & regulatory aspects of colorants for special applications.