

# SPCRYL HMR 45

## Description

SPCRYL HMR 45 is an economical acrylic colloidal emulsion for use in pre-print and post-print corrugated inks and kraft paper applications.

## Key features & Benefits

- Economical
- Excellent hot mar resistance
- High efficiency
- Excellent ink viscosity stability and dilution
- Excellent transfer and printability

## Physical Properties

-Appearance:	Semi translucent emulsion
-Non-Volatile%	44.5
- pH (30°C)	2.1
- Viscosity (cps 30°C)	60
-Acid Number(mg KOH/gm)	154
-Glass Transition temperature (Tg)	70°C DCS
-Molecular Weight, (Mw)	85,000 GPC

## Applications

SPCRYL HMR 45 is use in both pre-print and post – print corrugated inks and kraft paper applications to maintain ink quality compare to traditional colloidal emulsion.

It is allow formulating at lower solid, leading to improve economics and efficiency.

SPCRYL HMR 45 also use to reduce the number of let-down vehicles as it can be used as a multi - purpose let-down vehicle for highly concentrated pigment dispersion systems.

## International Listings

SPCRYL HMR 45 is listed in the national inventories of all major markets. For further details, please contact the product manager.

## Neutralised letdown solution

SPCRYL HMR45	30.5parts
Water	67.0parts
MEA	02.5parts
Total	100.0 parts
300cps neutralized at 13% solids using BF Viscometer	

## Storage and Stability

In unopened packaging Shiva Pharmachem Limited guarantee's, a shelf life of at least 12 months if stored properly. In case of opened packaging, should be closed tightly after use and stored under cool and dry conditions.

## Standard Packaging

SPCRYL HMR 45 is packed in 210kgs HDPE Drums / 1000kgs IBC.

## Note

*The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.*