



## TEXIPOL<sup>®</sup> 67-5055

### Multifunctional synthetic thickener for Chromojet\* printing

#### INTRODUCTION

TEXIPOL 67-5055 is a high efficiency synthetic thickener, designed for printing with Chromojet\* machinery. TEXIPOL 67-5055 will produce sharp, well defined prints with excellent colour yield, brightness and handle. TEXIPOL 67-5055 has superb resistance to colour bleed. TEXIPOL 67-5055 has excellent storage stability and does not require the use of a preservative.

TEXIPOL 67-5055 is alkyl phenol ethoxylate free.

#### CHARACTERISTICS

(Not to be taken as a specification)

Appearance		creamy liquid
Relative density at 25°C	g/cm <sup>3</sup>	~ 1.05
Thickened deionised water **	mPa s	>30,000
Flow of thickened compositions		short
Polymer charge		anionic
Polymer compatibility		anionic/non-ionic
Flash point	°C	>100

\*\* Deionised water thickened with 2% of TEXIPOL 67-5055, as supplied. Brookfield RVT, Spindle 6, 5 rpm at 25°C.

#### APPROVALS

TEXIPOL 67-5055 is suitable for use in Öko-Tex applications.

#### APPLICATIONS

TEXIPOL 67-5055 is designed for use with Chromojet\* carpet printing machinery. The polymers present in TEXIPOL 67-5055 are already in solution therefore thickening of printing paste formulations is almost instantaneous. TEXIPOL 67-5055, if required, can be directly pumped and metered.

Standard starting point formulation(for polyamide carpets):

	<b>PBW</b>
TEXIPOL 67-5055	8 - 12
Dispersion of coloured acid dye	1
Water	<u>987 - 991</u>
TOTAL	1000

**Note:**

- 1) Citric acid (33%) is used to adjust the pH to 5-6 and the viscosity to 220 - 300 cps (Haake 3 viscometer).  
The level of thickener required will depend on the carpet type and construction, as well as on the dye types. The viscosity may range between 150 and 700 cps (Haake 3 viscometer), dependent upon carpet type.
- 2) If If required, other additives such as foaming aids, antifoams etc may be added to the print paste. The use of such additives will depend on carpet type and construction and should be thoroughly mixed into the print paste.
- 3) It is necessary to steam the dyestuff after printing at 98 - 99°C for 5 - 7 minutes to ensure maximum fixation. This is followed by a washout process using cold water.

\*Chromojet is a trademark of J Zimmer, Maschinenbau GmbH (Austria).

**PACKAGING**

TEXIPOL 67-5055 is available in polyethylene open topped kegs and lacquer-lined open topped drums and 1000 kg IBC's.

**STORAGE**

TEXIPOL 67-5055 should be stored at temperatures between 5- 30°C. If the product freezes, thaw completely by placing the container in a warm water bath and homogenise completely by mixing thoroughly, before use. TEXIPOL 67-5055 can be stored in glass, stainless steel, plastic or epoxy-lined vessels. TEXIPOL 67-5055 should not be stored in mild steel, copper or aluminium containers.

**HEALTH & SAFETY**

Please see separate material safety data sheet.

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PerCent Club



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