



TEXIPOL[®] 63-253

Anionic inverse emulsion thickener

INTRODUCTION

TEXIPOL 63-253 is an inverse emulsion thickener which imparts a very short flow to a wide variety of aqueous and non-aqueous compositions and is effective over a broad pH range. TEXIPOL 63-253 is supplied as an easy to use low viscosity liquid which gives an almost instantaneous thickening effect on direct mixing into the composition.

TEXIPOL 63-253 is free from alkylphenol ethoxylates.

CHARACTERISTICS (Not to be taken as a specification)

Appearance		creamy liquid
Specific Gravity at 25°C		1.05
Inverse emulsion viscosity Brookfield RVT, Spindle 3, 20 rom at 25°C	mPa s	5,000
Thickened deionised water*	mPa s	45,000
Flow of thickened compositions		very short
Polymer charge		anionic
Polymer compatibility		anionic/non-ionic
Flash point	°C	100

* Deionised water thickened with 2% of TEXIPOL 63-253 as supplied. Brookfield RVT, Spindle 6, 5 rpm at 25°C.

APPLICATIONS

The polymer in TEXIPOL 63-253 is already in solution (as the sodium salt) and therefore does not require any other additives to promote thickening, e.g. alkali, surfactant etc.

TEXIPOL 63-253 has been found useful for thickening wallpaper prepaste adhesives, high build/textured coatings, water based building adhesives and PVA adhesives. It is also possible to thicken certain non-aqueous systems such as simple alcohols and glycols.

A good starting point is to add 4% of TEXIPOL 63-253, as received to the composition requiring thickening and homogenise thoroughly. If the resultant mix is too thin add more of TEXIPOL 63-253 and, if it is too viscous, add more unthickened composition and homogenise.

PACKAGING

TEXIPOL 63-253 is available in polythene open topped kegs and lacquer-lined open topped drums.

STORAGE

TEXIPOL 63-253 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 before use. TEXIPOL 63-253 can be stored in glass, stainless steel, plastic or epoxy-lined vessels. TEXIPOL 63-253 should not be stored in mild steel, copper or aluminium containers.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

Issue No. 2

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