



TEXIPOL[®] 63-201

Anionic inverse emulsion thickener

INTRODUCTION

TEXIPOL 63-201 is an inverse emulsion thickener which imparts a long stringy flow to a wide variety of aqueous and non-aqueous compositions and is effective over a wide pH range. **TEXIPOL 63-201** is supplied as an easy to use, low viscosity liquid which gives an almost instantaneous thickening effect on direct mixing into the composition. The polymer in **TEXIPOL 63-201** 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 63-201 is APEO free.

CHARACTERISTICS (Not to be taken as a specification)

Appearance		Creamy liquid
Relative density at 25°C / 77°F		~1.05
Inverse emulsion viscosity*	cps	1,000 - 5,000 cps
Thickened deionized water**	cps	700 - 2,000 cps
Flow of thickened compositions		Long stringy
Polymer charge		Anionic
Polymer compatibility		Anionic / non-ionic
Flash point	°C / °F	≥100 / 212
Optimal pH usage range		5.0 – 12.0

* Brookfield RVT, Spindle #3, 20 rpm at 25°C / 77°F.

** Deionized water thickened with 1% of **TEXIPOL 63-201** as supplied.
Brookfield RVT, Spindle #3, 50 rpm at 25°C / 77°F.

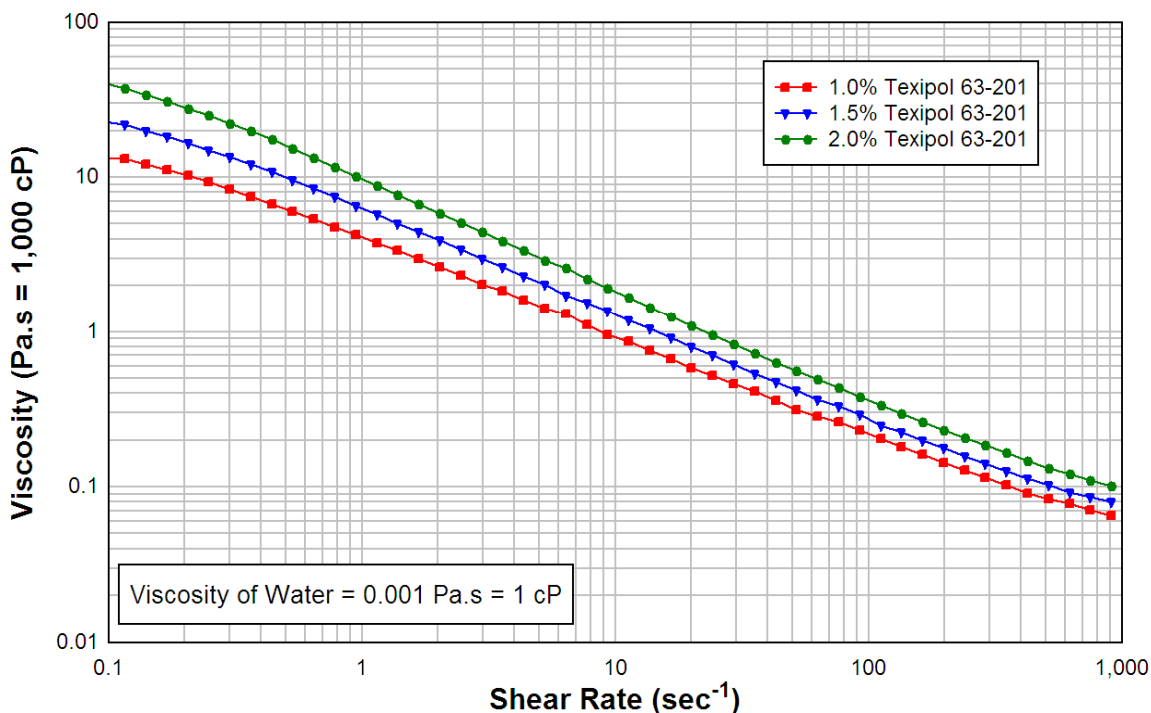
APPLICATION

TEXIPOL 63-201 has been found useful for thickening highly filled carpet backing compounds as well as other aqueous based adhesive and coating systems. It is also possible to thicken certain non-aqueous systems such as simple alcohols and glycols.

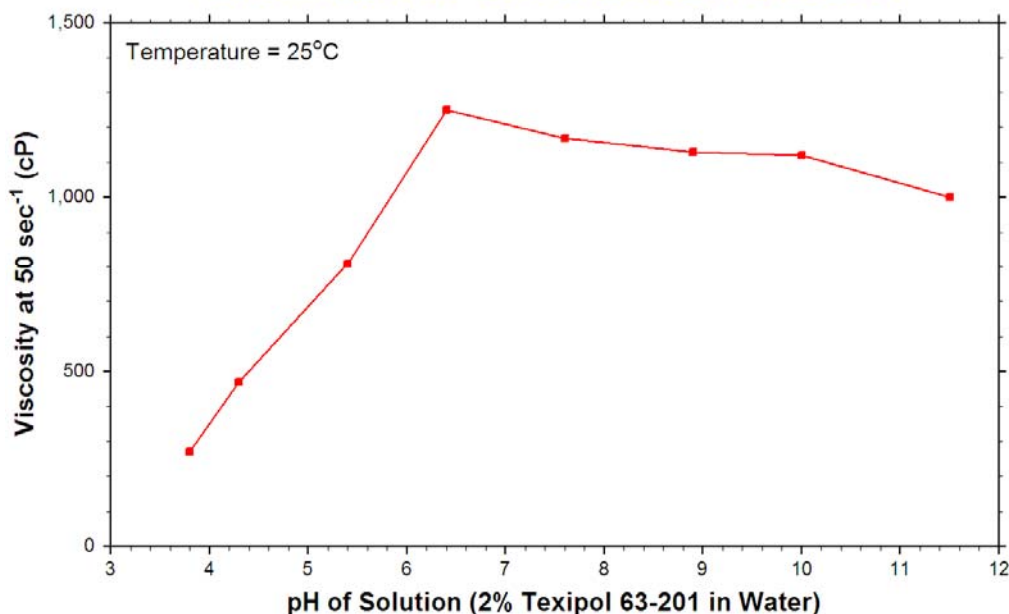
A good starting point is to add up to 4% of **TEXIPOL 63-201** (depending on the viscosity required) directly to the composition to be thickened and then homogenize the mix thoroughly. If the resultant mix is too thin add more of **TEXIPOL 63-201** and, if it is too viscous, add more unthickened composition and homogenize.

It is not uncommon for Texipol[®] inverse emulsions to separate over time. This does not in any way indicate that the material is unfit for use. We recommend that Texipol[®] be stirred prior to use using a low-shear mixing system (e.g. with a paddle or handheld mixer) to ensure that the material is uniform when added to a formulation. Further, for formulations with a low percentage of water and/or where a low level of Texipol[®] is required, we recommend that water be added to the Texipol[®] prior to addition to the formulation (roughly 4 - 7% of Texipol[®] in water). This will prevent the possibility of localized pockets of thickened water in the formulation.

Viscosity Profile of Water with Texipol 63-201 [Without pre-shearing @ 25°C]



Effect of pH on the Viscosity of the 2% Texipol 63-201 and Water Solution



PACKAGING

TEXIPOL 63-201 is available in a 441 lb. net weight steel drum and is imported from the United Kingdom.

STORAGE

TEXIPOL 63-201 should be stored at temperatures between 5 - 40°C / 40 - 105°F. If the product freezes, thaw completely by placing the container in a warm water bath and homogenize completely before use. **TEXIPOL 63-201**, can be stored in glass, stainless steel, plastic or epoxy-lined vessels. **TEXIPOL 63-201** should not be stored in mild steel, copper or aluminum containers.

HEALTH & SAFETY

Please see separate Material Safety Data Sheet.

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NOTICE

The information and recommendations in this publication are, to the best of our actual knowledge, reliable. Suggestions made concerning uses or applications are only the opinion of Scott Bader, Inc. and users of these products should make their own tests to determine the suitability of these products for their own particular purposes. Because of numerous factors beyond our control affecting the results of the use of these products, SCOTT BADER, INC. MAKES NO WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, OTHER THAN THAT THE PRODUCT CONFORMS TO ITS APPLICABLE CURRENT STANDARD SPECIFICATION.

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