



TECHNICAL BULLETIN

TRIPOLY HASE-2004

DESCRIPTION:

TRIPOLY HASE-2004 is an acrylic thickener (not pre-neutralized) developed to improve rheology or modify the viscosity of water based systems. Very low levels are necessary to increase viscosity. This hydrophobically modified alkali swellable emulsion (HASE) thickener will provide "Jello" type texture to your systems.

TRIPOLY HASE-2004 can be used in paints, ceramic tile adhesives, EIFS, carpet backing, hand cleaners and many other water based system applications where high viscosity is required.

Features	Benefits
➤ No pre-neutralisation needed.	➤ Can be added directly to the system (in situ).
➤ Low level of unreacted monomers.	➤ Low odor.
➤ Stable viscosity.	➤ Viscosity will not increase with time.
➤ Easy to handle (low viscosity before neutralization).	➤ Reduced time of production.

TYPICAL PROPERTIES:

Solids content (%) :	28.0
pH :	2.50
Viscosity with Brookfield RVT model, spindle 2 / 50 rpm (cps) :	20
Density at 20 °C (g/cm3) :	1.05
Minimum film-forming temperature / MFFT (°C) :	Not filming
Glass transition temperature at mid point / Tg (°C) :	+75
Average particle size (µm) :	0.15
Unreacted monomers (ppm) :	<100
Emulsifying system :	Anionic
Freeze/thaw stability :	Not stable

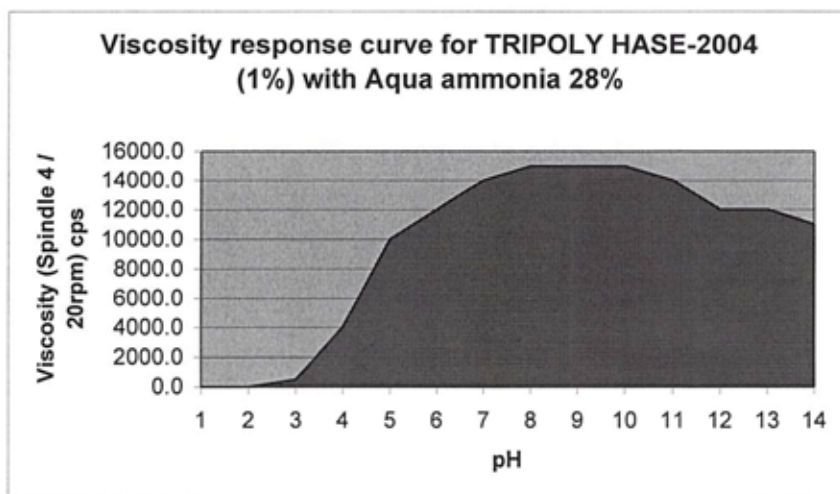
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STARTING FORMULATION:



TRIPOLY HASE-2004 can be neutralized with Aqua ammonia (NH₄OH 28%), Caustic soda (NaOH 30%) or Caustic Potash (30%). The thickener can also be added directly in acrylic polymers at pH's higher than 7.5. Optimum pH for this thickener is 8.0-9.5.

PACKAGING & STORAGE:

TRIPOLY HASE-2004 is available in 200L (53 US gallons) drums, 1000L (265 US gallons) tote tanks and 20 metric tons (44 000 Lbs) bulk. The product is stable for 12 months and must be stored at a temperature range between +5°C and +40°C in appropriate containers.

For more information concerning the handling, the manipulation or the use of this product, please consult our material safety data sheet or consult our technical service department.

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