TRICHROMATIC - WEST, INC.

TECHNICAL BULLETIN

TRIPOLY FF-300

DESCRIPTION:

TRIPOLY FF-300 is a metal crosslinked styrene acrylic copolymer emulsion possessing excellent long term wear properties. This polymer exhibits superior gloss when buffed over most floor surfaces. **TRIPOLY FF-300** is alkyl phenol (APE) free thus meeting the requirements for locations where APE containing products are restricted.

Polishes based on **TRIPOLY FF-300** are recommended for locations where buffing is not required. This makes this polymer a natural fit where a balance between ease of reparability coupled with abrasion resistance properties are required.

TRIPOLY FF-300 based floor formulations have the following characteristics :

Features	Benefits
➢ Ease of reparability.	➢ Repairs surfaces scratches and marks when buffed.
➢ Low or high speed buffing.	➢ Flexibility of maintenance procedures.
➢ Exceptional gloss retention.	➢ Retains gloss without daily maintenance.
➢ Long term wear.	➢ Fewer stripping cycles and reduced labour costs.

TYPICAL PROPERTIES:

Chemical nature :	Acrylate copolymer emulsion.
Appearance :	Semi translucent white emulsion.
Odour :	Low
% solids content :	38
Minimum film forming temperature (MFFT) :	73°C
pH :	8.0
Viscosity :	< 50 cps
Specific gravity :	1.056
Ionic nature :	Anionic
Free / Thaw stability :	Protect

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RECOMMENDED FORMULA:

Ingredients		% by Wt.	Supplier
Water		35.09	-
Glycol Ether DE		4.00	CCC/Vopak
KP-140		3.60	CCC/Vopak
Zonyl FSO (1% soln)		0.50	Vopak/L.V. Lomas
SE-21	premix	0.02	Seegott
Water	premix	0.03	-
TRIPOLY FF-300		48.00	Tri-Tex
Triperm PE91L 35%		4.20	Tri-Tex
Triperm PE54N 30%		2.20	Tri-Tex
Texasist GA-32		1.56	Tri-Tex
Kathon LX 1.5%	premix	0.20	Rohm & Haas
Water	premix	0.60	-

Polymer/resin/wax	85/4/11	Solids	24.5%

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MIXING INSTRUCTIONS:

Ensure all equipment is clean.

Add ingredients in order listed on previous page.

Blend premixes in a separate container and then add to the main mixing vessel.

Batch temperatures should be maintained at 18°-25°C (heat water additions if necessary before adding to mix).

Ingredients should be added to the mixing vessel slowly along the wall to minimize foaming.

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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