TRICHROMATIC - WEST, INC.

TECHNICAL BULLETIN

TRIPOLY FF-400

DESCRIPTION:

TRIPOLY FF-400 is formulated as a general purpose metal crosslinked styrene acrylic copolymer which demonstrates exceptional overall performance and flexibility of use. This polymer produces balanced floor finishes exhibiting rapid gloss build-up and long term wear properties. **TRIPOLY FF-400** is alkyl phenol ethoxylate (APE) free thus meeting the requirements for locations where APE containing products are restricted.

Polishes based on **TRIPOLY FF-400** provide balanced scuff and black mark resistance. These floor polishes can be maintained through regular maintenance procedures of dry and damp mopping with periodic spray buffing or high speed burnishing programs.

TRIPOLY FF-400 based floor formulations have the following characteristics :

Features	Benefits
➢ Balanced scuff and black mark resistance.	➢ Repels dirt penetration wipe off black heel mark removability.
➢ Balanced detergent resistance and removability.	➢ Easy to maintain. Removal without aggressive mechanical activity.
➢ Exceptional durability and balanced performance.	➢ Multipurpose quantities and flexibility of application.
➢ Rapid gloss build-up.	➢ Fewer coats required and reduced labour costs.

TYPICAL PROPERTIES:

Chemical nature :	Acrylate copolymer emulsion.
Appearance :	Milky white liquid.
% total solids :	38
Minimum film forming Temperature (MFFT) :	60°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		35.4	-
Glycol Ether DE		4.08	CCC/Vopak
KP-140		3.60	CCC/Vopak
Zonyl FSO (1% soln)		1.2	Vopak/L.V. Lomas
SE-21	premix	0.02	Seegott
Water	premix	0.30	-
TRIPOLY FF-400 (38%)		48.0	Tri-Tex
Triperm PE91L 35%		4.20	Tri-Tex
Triperm PP50L 40%		1.70	Tri-Tex
Texasist GA-32		1.00	Tri-Tex
Kathon LX 1.5	premix	0.1	Rohm & Haas
Water	premix	0.4	-

Polymer/resin/wax	88/2/10	Solids	24%

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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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