
TECHNICAL BULLETIN

TRIPOLY FF-200

DESCRIPTION:

TRIPOLY FF-200 is a metal crosslinked styrene acrylic copolymer emulsion with high durability characteristics. This polymer exhibits superior scuff resistance and resists dusting during UHS burnishing. **TRIPOLY FF-200** is alkyl phenol (APE) free thus meeting the requirements for locations where APE containing products are restricted.

Polishes based on **TRIPOLY FF-200** are an excellent choice for high traffic areas that require a high level of appearance but where labour intensive care is not available. Excellent performance will be realised with either frequent or intermittent high speed burnishing and spray buff programs.

TRIPOLY FF-200 based floor formulations have the following characteristics :

Features	Benefits
➤ High initial gloss.	➤ Brilliant shine with only 2 coats saving time and labour.
➤ Exceptional gloss retention.	➤ Retains gloss without extensive buffing saving costly maintenance time.
➤ Scuff mark and scratch resistance.	➤ Tough wear and abrasion resistance properties mean longer intervals between refinishing cycles.
➤ High speed burnishing.	➤ High gloss levels restored without powdering or dusting.

TYPICAL PROPERTIES:

Chemical nature :	APE free acrylic emulsion.
Appearance :	Milky-white liquid.
% total solids :	38
Minimum film forming temperature (MFFT) :	73°C
pH :	8.0
Viscosity (25°C) :	50 cps max.
Specific gravity :	1.062
Ionic nature :	Anionic
Free / Thaw stability :	Protect

The data and suggestions contained herein are offered in good faith and based on information, which we believe is reliable. However, no warranty is expressed or implied regarding the accuracy of this data or use of the product since the conditions and methods of use are beyond our control. Nothing contained herein shall be construed to imply the non-existence of any relevant patents nor to constitute a permission, inducement or recommendation to practice any invention covered by us or others, without authority from the owner of the patent.



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RECOMMENDED FORMULA:

Floor polish for high speed maintenance programs.

Ingredients	% by Wt.	Supplier
Water	46.22	-
Glycol ether DE	3.20	CCC/Vopack
KP140	2.80	CCC/Vopack
Zonyl FSO (1% solution)	0.50	Vopack/L.V. Lomas
SE-21 } premix	0.02	Seegott
Water }	0.30	-
TRIPOLY FF-200 (38%)	37.96	Tri-Tex
Triperm PE91L (35%)	2.75	Tri-Tex
Triperm PE54N (30%)	2.75	Tri-Tex
Texasist GA-32	3.00	Tri-Tex
Kathon LX 1.5 } premix	0.10	Rohm & Haas
Water }	0.40	-

Polymer/resin/wax	84/5/11	Solids	20%
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RECOMMENDED FORMULA: (continued)

Spray buff concentrate formula :

Ingredients	% by Wt.	Supplier
Water	43.19	-
Diethylene glycol monoethyl ether	5.28	CCC/Vopack
Tributoxyethyl phosphate	2.01	CCC/Vopack
Surfonic N-500	0.32	Huntsman
Zonyl FSO (1% solution)	0.55	Vopack
SE-21 } premix	0.02	Seegott
Water }	0.20	-
TRIPOLY FF-200	39.43	Tri-Tex
Texasist GA-32	2.75	Tri-Tex
Triperm PE 91 L 35%	2.53	Tri-Tex
Triperm PP 50 L 40%	2.21	Tri-Tex
Kathon LX 1.5 } premix	0.02	Rohm & Haas
Water }	0.5	-

Polymer/resin/wax ratio	85/5/10	Solids	20%
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Recommended dilution 1:3 with water.

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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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