



TECHNICAL BULLETIN

TRIPOLY MF-401

DESCRIPTION:

TRIPOLY MF-401 is formulated as a general purpose metal free cross linked styrene acrylic copolymer which demonstrates exceptional overall performance and flexibility of use. This polymer produces balanced floor finishes exhibiting rapid gloss buildup and long term wear properties. **TRIPOLY MF-401** is alkyl phenol ethoxylate (APE) free thus meeting the requirements for locations where APE containing products are restricted and it is a zinc free polymer, making it more environmentally friendly.

Polishes based on **TRIPOLY MF-401** 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 MF-401 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 : | 7.5 |
| Viscosity : | < 120 cps |
| Specific gravity : | 1.056 |
| 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.



TECHNICAL BULLETIN

TRIPOLY MF-401

RECOMMENDED FORMULA:

| Ingredients | % by Wt. | Supplier |
|-----------------------------|-------------|-------------------|
| Water deionised | 35.4 | - |
| Glycol Ether DE | 4.08 | CCC/Univar |
| KP-140 | 3.60 | CCC/Univar |
| Zonyl FSO (1% soln) | 1.2 | Univar/L.V. Lomas |
| SE-21 } premix | 0.02 | Seegott |
| Water } | 0.30 | - |
| TRIPOLY MF-401 (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 | CCC |
| Water } | 0.4 | - |

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

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.



TECHNICAL BULLETIN

TRIPOLY MF-401

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.

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.