



TECHNICAL BULLETIN

TAYSHEEN III

Description:

TaySheen III is a high solids, oil-in-water emulsion based upon a modified polysiloxane. It provides water beading, detergent, and weather-resistant properties. When formulated as an automotive polish, TaySheen III imparts an extremely high gloss on most surfaces, including tires. Ready-to-market automotive polishes may be prepared by simply adding water. Water dilutions of TaySheen III are environmentally safe.

TaySheen III can be applied very easily with a wet cloth or sponge. It will impart a silicone film with good adhesion to most metallic, vinyl, and other polymeric substrates.

Typical Properties:

Property	Characteristic
Appearance	Milky- White Liquid
Solids Content; Microwave Oven (%)	Ca. 60
pH Value	Ca. 7.0
Ionic Character	Nonionic
Note: These figures are intended as a guide and should not be used in preparing specifications.	

Storage Stability:

TaySheen III should remain shelf-stable for up to six (6) months if stored in its original, sealed container at 15°C or 35°F. If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but quality control should be performed on the properties relevant to the application.

Emulsions showing signs of creaming should be agitated before use to assure uniform consistency.

Safety Instructions:

Comprehensive instructions are given in the corresponding Material Safety Data Sheet. This information is available upon request from TayChem Industries, Ltd.

Because we cannot foresee or control the varied conditions under which this information and materials may be used, we do not guarantee the applicability or accuracy of this information or the suitability of our materials in any specific situation. Samples are provided and users should make their own tests to determine the suitability of our materials for their specific purposes. This material is provided without warranty, either expressed or implied, of fitness for a specific purpose and nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending license under valid patents.

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TAYSHEEN III

Dilution Procedures

General Purpose Polish For Vinyl, Interior, Exterior, And Tires

Product	Parts By Weight
Water	74.75
Kathon CG/ICP*	0.25
TaySheen III	25.00
Total	100.00
*Kathon CG/ICP: Rohm & Haas Company	

Procedure	
1.	Charge the water.
2.	With mechanical mixing, add the Kathon CG/ICP. Mix until uniform.
3.	Charge the TaySheen III polish and protectant. Mix until uniform {normally 15 to 30 minutes}.

More stable emulsions are prepared when TaySheen III is added to the water rather than the opposite way.

Note: TaySheen III contains sufficient bacteriostat/fungistat to preserve the emulsion as shipped. Dilution of this product with water may result in the need for additional preservative to counteract any increased microbial activity. Preservative should be used in accordance with E.P.A. Registration and application.

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Dilution Procedures

High Concentrate Polish For Tires

Product	Parts By Weight
Water	66.42
Kathon CG/ICP*	0.25
TaySheen III	33.33
Total	100.00
*Kathon CG/ICP: Rohm & Haas Company	

Procedure	
1.	Charge the water.
2.	With mechanical mixing, add the Kathon CG/ICP. Mix until uniform.
3.	Charge the TaySheen III. Mix with mechanical mixing until uniform.

More stable emulsions are prepared when TaySheen III is added to the water rather than the opposite way.

Note: TaySheen III contains sufficient bacteriostat/fungistat to preserve the emulsion as shipped. Dilution of this product with water may result in the need for additional preservative to counteract any increased microbial activity. Preservative should be used in accordance with E.P.A. Registration and application.

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