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EcwaSil SE36

TECHNICAL DATA SHEET

DESCRIPTION

EcwaSil SE36 is a silicone in water emulsion - 36% internal phase. Is a Medium Viscosity (350cSt) Polydimethylsiloxane (Silicone Fluid) Nonionic Emulsion. It safe to handle and does not contain any Alkyl Phenol Ethoxylates nor Formaldehyde. As such, **EcwaSil SE36** is also environmentally acceptable.

FORMULATION/COMPOSITION

- Ideal in Offset Web printing, where low surface tension provides for better penetration of the paper.
- Suitable for use in automobile, furniture and shoe polish formulations. The intermediate viscosity of this product provides good gloss with minimum smear to polish formulations.
- Compatible with most other silicone emulsions, should blending be required.
- Can be used where water-based release agents and lubricants are suitable.

PROPERTIES/APPLICATIONS/USE

EcwaSil SE36 is stable when diluted, with water, at ratios of 1:2 (33.3% of formulation) right up to 1:200 (0.5% of formulation). Lesser dilution (i.e.-1:1 or 50% can exhibit a slight creaming after 5 days, but gentle agitation will reconstitute the product and/or prevent it from happening. Although the inclusion of other surfactants and/or salts is not anticipated in silicone formulations.

EcwaSil SE36 can tolerate some addition of these elements, but final product stability testing is recommended.

PHYSICAL & CHEMICAL PROPERTIES

Appearance	White, opaque fluid - slightly viscous.	Active Ingredients	Medium viscosity (350cst) Polydimethylsiloxane (PDMS), and Proprietary non-ionic Emulsifiers.
Odour	Mild	Stability in formulation	Stable at pH 3.0 - 9.0
S.G. (at 20°C)	0.988 - 0.992 g/cm ³	% Active Content	36 - 38%
Solubility	Soluble in Water		
pH (as manufactured)	6.00 -8.00		

This data does not constitute a specification - please see current "Certificate of Analysis".

MANUFACTURER/SUPPLIER

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SAFETY & HANDLING

Always consult the Material Safety Data Sheet before Use



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FEATURES

- High gloss and water repellence.
- High abrasion resistance on surfaces treated.
- Good lubrication properties.
- Excellent resistance to adhesion.

STORAGE

- At least 1 year at ambient conditions.
- At least 6 months at 40°C.

PACKAGING

EcwaSil SE36 is available in

- 25 Kg - HDPE BLOWPACK
- 200 Kg - HDPE BLOWPACK
- 1000 Kg - IBC (FLOBIN)

DISCLAIMER / NON-WARRANTY

This product has been subjected to limited tests and has been shown to perform well. The information contained herein is to our best knowledge true and accurate, but since the conditions of use are beyond our control, Ecwamix Chemical Systems cc. disclaims any liability in connection with the use of this product and/or information. Warranty extends only as far as to the replacement of material shipped if not compliant with the specification as set out in the attached "Certificate of Analysis" and within the expiry period of the said product. All recommendations or suggestions are made without guarantee. It is good practice to conduct one's own application tests on a small area prior to using the product.



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