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EcwaSil SE60

TECHNICAL DATA SHEET

DESCRIPTION

EcwaSil SE60 is a silicone in water emulsion - 60% internal phase. Is a Medium Viscosity (350cSt) Polydimethylsiloxane (Silicone Fluid) Nonionic Emulsion. It safe to handle and does not contain any Phenol Ethoxylates nor Formaldehyde. As such, **EcwaSil SE60** is also environmentally acceptable.

FORMULATION/COMPOSITION

- Ideal as Lubricity Aid 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, such as Plastics, Rubber and Similar Materials.
- Imparts excellent Water Repellency at Higher Dilution Levels.

PROPERTIES/APPLICATIONS/USE

EcwaSil SE60 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 SE60 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)	0.982 - 0.986 g/cm ³	% Active Content	60 - 61%
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

Ecwamix Chemical Systems (Pty) Ltd
3 Granville Avenue Lea Glen Roodepoort, Gauteng South Africa

Information
Tel: (o/h) +27 011 472 2256 Fax: +27 011 472 2121
E-mail: ecwamix@netactive.co.za

Emergency contact:
Office hours: 011 472 2256



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 SE60 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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