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DATA SHEET

SOFEXSIL 7

TU2229-008-42942526-00

Foam control

FEATURES

- Provides foam control and leveling/wetting aid in solvent-based ink and coating systems
- Compatible with acrylic, alkyd, amide, epoxy, nitrocellulose, polyesters, polyurethane and vinyl systems

COMPOSITION

- Fluorosilicone supplied at 5 percent active concentration

USES

SOFEXSIL 7 Additive has been successful in these industrial applications¹:

- To provide foam control
 - Ink: Solvent-based screen printing ink at 0.05-0.1%
Solvent-based flexographic and gravure ink at 0.1-0.2%
 - Coating: Solvent-based wood coating at 0.05-0.1%
Solvent-based industrial coating at 0.05-0.1%
 - Paint: Solvent-based paint at 0.1-0.2%
- To improve leveling/wetting:
 - Ink: Solvent-based flexographic ink at 0.1-0.2%
 - Coating: Solvent-based wood coating at 0.5-5%
Solvent-based industrial coating at 1.0-2.0%
Solvent-based industrial metal decor coating at 0.5-1.0%
 - Paint: Solvent-based paint at 0.05-0.1%

¹All usage levels are weight percents based on the total formulation.

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Test	Unit	Result
Appearance		Clear liquid
Percent Solids	percent	4.5-6.0
Solvent		Methyl isobutyl ketone
Specific Gravity at 25 °C (77 °F)		0.81
Flash Point, closed cup	°C (°F)	12 (54)
Viscosity at 25°C (77 °F)	cs	0.74-0.84

HOW TO USE

SOFEXSIL 7 Additive is effective at low concentrations. The amount required depends on type of formulation, the solvent it contains, resin system and total system solids. *SOFEXSIL 7* Additive is generally effective at concentrations ranging

from 0.05-5% weight percent, based upon total formulation. This additive can be added during the grind or let-down or can be post-added. Characteristics may vary when used with different systems and formulations. *SOFEXSIL 7* Additive is compatible with acrylic, alkyd, amide,

epoxy, nitrocellulose, polyesters, polyurethane and vinyl systems. Thorough preproduction testing is necessary to ensure expected performance.

USE LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not for human injection.

SHIPPING LIMITATIONS

Class 3 flammable.

STORAGE AND SHELF LIFE

SOFEXSIL 7 Additive has a shelf life of 18 months from date of manufacture. Refer to product packaging for "Use By" date.

PACKAGING

SOFEXSIL 7 Additive is available in 4-oz (113-g) samples, 30-lb (13.6-kg) pails and 325-lb (147.4-kg) drums.

SAFE HANDLING INFORMATION

Caution: Vapors may irritate and cause pain and watering of the eye. Direct contact with the eye irritates moderately with redness and swelling.

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE FROM SOFEX, OR BY WRITING TO SOFEX, OR BY CALLING 232-1110

WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is

believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Sofex's products are safe, effective and fully satisfactory for the intended end use.

Sofex's sole warranty is that the product will meet the Sofex specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. Sofex specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless Sofex provides you with a specific, duly signed endorsement of fitness for use, Sofex disclaims liability for any incidental or consequential damages. Suggestions of use shall not be taken as inducements to infringe any patent.