



Product Data Sheet

ADD-3230

GENERAL

ADD-3230 is a silicone-based surface additive to improve surface properties in all solvent-based, solvent-free and aqueous systems. It is specially used in systems in which solvent-free additives are requested or where a requirement for a special solvent exists. **ADD-3230** can be used in coatings and printing inks.

SPECIFICATIONS

Composition	: Organically modified siloxane
Specific gravity @ 20°C	: Ca. 1.05 g/cm ³
Appearance	: Clear, colorless liquid
Flash point	: >100 °C
Active ingredients	: >96.0%

APPLICATIONS AND USAGE

Coatings:

ADD-3230 is used in water- and solvent-based industrial coatings, particularly in spray applications. It gives the following advantages:

- Improves leveling
- Increases scratch and abrasion resistance
- Prevents floating
- Anti-blocking characteristics

It can be added at any stage during the production process. When added during the dispersion process, it speeds up wetting.

0.05-0.5% on total formulation weight

Printing Inks:

ADD-3230 is active at the substrate and air interfaces of inks and overprint varnishes. This results in:

- Improved substrate wetting and leveling
- Improved block resistance
- Increased scuff resistance

ADD-3230 has very broad compatibility with a broad range of printing ink systems. An applied film containing **ADD-3230** is relatively insensitive to pin-holing even at high concentrations of the additive. It is compatible with a broad range of formulation polarities. It may be used in water-based, solvent based and UV-curable printing inks and over-print varnishes.

ADD-3230 is especially effective in nitrocellulose-based systems for flexographic and gravure printing.

ADD-3230 is also effective in UV flexographic printing.

ADD-3230 can be added at any stage during the production process. When added during the dispersion process, it speeds up pigment wetting. In all cases care should be taken to ensure uniform distribution.

0.05-0.5% on total formulation weight



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STORAGE, SAFETY & HANDLING

ADD-3230 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 3 years from the date of manufacture. **ADD-3230** should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.