

Defoamer for Waterborne Paints, Coatings and Inks

GENERAL INFORMATION

DAPRO[®] DF 4164 is a silicone-free defoamer designed to be used in waterborne systems with ease of incorporation. DAPRO[®] DF 4164 imparts excellent foam control properties in architectural, industrial paints and flexographic & gravure inks.

PHYSICAL PROPERTIES

Composition	dispersion of metallic salt of fatty acid in mineral oil
Color / Form	opaque liquid
Wt. / Gallon (Lbs)	7.3
Viscosity(KU)	45 - 70

APPLICATIONS

- Waterborne industrial coatings
- Waterborne architectural coatings
- Maintenance and OEM finishes
- Waterborne Flexo and Gravure Inks

KEY PROPERTIES

- Silicone free
- High efficiency
- Ease of incorporation
- Provides superior resistance to bubble build-up and film cratering during roller and brush applications
- Does not cause fish-eye craters or haze in emulsion paints
- Compatible with a wide variety of latexes

INCORPORATION

DAPRO[®] DF 4164 is effective at 0.5 - 1.0 % of the total formulation weight. Typically, one half of the DAPRO[®] DF 4164 may be added to the pigment grind to minimize foam formation during dispersion stage process and the remainder is added in the let-down stage of the paint formulation.

LEVELS OF USE

Typical use levels of DAPRO[®] DF 4164 are 0.2 % to 1.0 % by weight of the coating or ink.

HANDLING AND SAFETY

More detailed information on handling and safety for each product is included in the relevant material safety data sheet, available for each product.

MSDS can be found on the company website at www.elementis-specialties-asia.com.

STORAGE RECOMMENDATIONS

Must be kept above 4°C (40°F). In the event of accidental freezing, thaw gently. Keep container closed when not in use.

In the event of accidental freezing, thaw gently. Keep away from excessive heat or open flame.

PACKAGING

DAPRO[®] DF 4164 is available in drums and pails. Please contact your local Elementis Specialties representative for the packaging available in your region.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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SHELF LIFE

DAPRO® DF 4164 has shelf life of (2) two years from the date of manufacture.

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.

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