

## A silicone defoamer for waterborne inks.

### PHYSICAL PROPERTIES

Composition	silicone emulsion
Colour / Form	opaque off-white liquid
Specific gravity	1.0
Viscosity, Brookfield	1000 cps / 1000 mPas

### KEY PROPERTIES

DAPRO<sup>®</sup> DF 677 is an excellent defoamer for water based inks.

### INCORPORATION

DAPRO<sup>®</sup> DF 677 is a very effective defoamer. When used in coatings applications it is designed to be incorporated during the grind. This will ensure complete dispersion. A ladder study should be carried out to optimize the loading level. Use in the let down might lead to surface defects, depending on the formulation, and should only be done after careful testing.

### LEVELS OF USE

Typically 0.3 - 1.0 % on total weight, but should be optimized by testing.

### HANDLING AND SAFETY

Before using this product please consult our Material Safety Data Sheet (MSDS) for information on safe handling and storage.

MSDS can be found on the company website at [www.elementis-specialties-asia.com](http://www.elementis-specialties-asia.com).

### STORAGE RECOMMENDATIONS

#### Must be mixed prior to use

Under adequate storage conditions, can be stored for at least 24 months in a closed container. Store between 50 °F - 100 °F (10 °C - 38 °C). Protect from freezing. Detailed information on handling and safety can be found in the material safety data sheet.

Handle in accordance with good industrial hygiene and safety practices.

*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 677 has a shelf life of 2 (two) years from 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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