

## DAPRO<sup>®</sup> DF 649

A compatible and highly effective 100% active defoamer for water based coatings

### GENERAL INFORMATION

**DAPRO DF 649** is a 100% active product was designed to be a highly effective defoamer that has good compatibility across a wide variety of resins and coating types. The product provides both deaeration and defoaming and can be utilized in both the grind and let down stages of paint production.

### CHEMICAL & PHYSICAL PROPERTIES

Composition	blend of glycols and modified polysiloxanes
Colour / Form	translucent off white liquid
Specific gravity	0.90
Viscosity, Brookfield	1000 cps

These are typical properties not to be used for specification purposes.

### APPLICATIONS

- **DAPRO DF 649** is especially efficient in destabilizing both macro and micro foam in water-based coatings and inks.

### KEY PROPERTIES

- The defoamer exhibits very good persistence and has minimal impact on gloss development and color acceptance and thus is an excellent defoamer for eliminating application foam.

### INCORPORATION

**DAPRO DF 649** shows excellent compatibility and is suitable for use in the grind or let down stage of sensitive coatings systems where optical properties are very important (e.g. gloss, transparency). A ladder study should be carried out to optimize the loading level.

### LEVELS OF USE

Typically 0.2 - 1.0% on total weight, but should be optimized by testing.

### HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

### 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). Do not store in direct sunlight. If frozen thaw at room temperature and mix well. 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.

### SHELF LIFE

**DAPRO DF 649** 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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#### North America

Elementis  
469 Old Trenton Road  
East Windsor  
NJ 08512, USA  
Tel.: +1 609 443 2500  
Fax: +1 609 443 2422

#### Europe

Elementis UK Ltd.  
c/o Elementis GmbH  
Stolberger Strasse 370  
50933 Cologne, Germany  
Tel.: +49 221 2923 2066  
Fax: +49 221 2923 2011

#### Asia

Deuchem (Shanghai) Chemical Co., Ltd.  
99, Lianyang Road  
Songjiang Industrial Zone  
Shanghai, China 201613  
Tel.: +86 21 5774 0348  
Fax: +86 21 5774 3563