

A VOC-free, water dispersible defoamer with excellent application properties

PHYSICAL PROPERTIES

Composition	A blend of hydrophobic silica, emulsifiers and mineral oil
Colour / Form	Opaque off-white liquid
Flash Point	165°C - 330°F
Specific gravity	0.90
Viscosity, Brookfield	450 cps – 450 mPas

APPLICATIONS AND KEY PROPERTIES

DAPRO® DF 21 is effective in high quality waterborne inks, adhesives and industrial coatings and is particularly useful for gloss paints and clear acrylic coatings. DAPRO® DF 21 provides excellent foam suppression and defoaming performance. DAPRO® DF 21 is readily dispersible in water.

INCORPORATION

DAPRO® DF 21 shows excellent compatibility and is suitable for use in the 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 0.1 – 1.0% on total weight, but should be optimized by testing.

HEALTH AND SAFETY DATA

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.com.

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STORAGE AND HANDLING

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). 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 21 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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