

DAPRO® DF 451

A compatible and highly effective 100% active defoamer for water

GENERAL INFORMATION

DAPRO DF 451 is a 100% active product that 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 defoaming and can be utilized in both the grind and let down stages of paint production.

CHEMICAL & PHYSICAL PROPERTIES

Composition	blend of oil, glycols and modified polysiloxanes
Color / Form	off white opaque liquid
Specific gravity	0.90
Brookfield Viscosity	250 cps

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

APPLICATIONS

- **DAPRO DF 451** is especially efficient in destabilizing both macro and micro foam in waterbased coatings and inks. 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 451 shows excellent compatibility and is suitable for use in the grind or let down stage of sensitive coatings systems where optical 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 - 100°F (10 - 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 451 has a shelf life of 2 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.

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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V01 Aug. 2018

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