

Defom 3100

Defoamer

GENERAL INFORMATION

Defom 3100 is a silicone-free bubble releasing and anti-foaming agent for solvent based and solvent free system.

CHEMICAL & PHYSICAL PROPERTIES

Composition	foam destroying polymer silicone-free
Appearance	clear to slight hazy liquid
Non-volatile content	44 - 46 %
Solvent	aromatic hydrocarbon solvent
Specific gravity	0.86 - 0.89

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

APPLICATIONS

- Unsaturated polyester coatings
- UV-curable coatings
- Epoxy coatings

KEY PROPERTIES

- It is an effective additive in bubble releasing and anti-foaming for solvent based or solvent free system.
- In high viscosity solvent based or solvent free systems, the entrapped air caused by mechanical forces such as mixing or circulation is difficult to be released, therefore, resulting a non-uniform surface.
- It is a non-silicone polymer with special interfacial property that initially prevents incorporation of air and enhances de-aeration and collapse of bubble to obtain a smooth surface.

- To exhibits good compatibility and anti-foaming, defoaming functions in UV curing system applied by curtain or roller coatings.
- It is an outstanding anti-foamer and defoamer in unsaturated polyester coatings.

INCORPORATION

Incorporated before grinding to achieve optimum effect.

LEVELS OF USE

0.1 - 1.0 % based on total formulation.

HEALTH AND SAFETY

As it contains solvents, the product requires special care in handling.

Avoid any eye and skin contact.

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

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated place.

Stored between 0 °C to 40 °C.

SHELF LIFE

Defom 3100 has a shelf life of 18 months 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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V01 Feb. 2018

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