

# SILAIR C400

## ANTIFOAM

SILAIR C400 is an antifoam at 100% based on organ modified siloxanes dispersible in water designed to prevention the foam into, paints, coatings and varnishes.

### Characteristics

Aspect:	liquid pale yellow
Odour:	unscented VOC = zero
Active Content:	100% based on organ-modified siloxane
Density:	0,92 g/cm <sup>3</sup>
Viscosity:	20 mPas (25°C)
pH:	7 ( sol. 5%) (effective in pH range 2-14)
Emulsifiers:	non ionic
Solubility:	dispersible all ratio in water

### Applications

Antifoam and deaerating for following sectors:

PAINTS AND GLAZES with low PVC: (Styrene-Acrylic Base, Pure Acrylic, PU, PU-Acrylic, PvAc)

WATER BASED PAINTS: for wood (parquet, furniture), industrial paints;

Adhesive, resins and processes of polymerization

### Properties:

- High solubility in water based coating systems
- Good deaerating

### Description

SILAIR C400 is an antifoaming agent based on organo-modified siloxane that combines an elevated effectiveness persistent antifoam with a good compatibility with the organic systems. C400 is particularly stable in the system and does not cause any inconvenience caused by normal silicone Antifoam: very effective in large PH ranges also strongly alkaline. C400 is effective as Antifoam in Coating Systems also low viscosity as: Paints and varnishes with water both glossy (gloss) and semi-glossy and opaque (semi-gloss), decorative paint, transparent coating for parquet, wood and furniture, varnishes and in adhesive systems to the water (acrylic resins etc.), for flexo, offset inks, overprinting inks, for polyurethane floor coatings bi-component. It eliminates the macro foam. Effective at low dosage, chemically inactive and to non ionic character therefore it doesn't interfere on the system in which is introduced.

### Instructions of use

PAINTS, GLAZES, VARNISHES: C400 Antifoam doesn't opal the system and is added in concentration about 0,1-0,5%. Stable and therefore can be added in the final phase of production (Let-down) or post-addition. Every treatment must opportunely be made a will with the purpose to appraise the tied up anticipated least concentration "to the optimum" of performance.

## **Storage**

Store in an original containers at temperatures < 40°C. Store in an original unopened containers the product is stable at least 12 month from Production Manufacture Date.

## **Packaging**

Drum of kg 25-50-200;  
IBC Plastic Tanks 900Kg  
Product Code 28450/50

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## **Head office and Production**

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## ***Production since 1957***

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