



Foam is always undesirable in production of paints, inks or in coatings. Foam can occur in the production process itself, thus leading to non-optimal filling of the production vessels. It can also occur during application causing major surface defects. Hence foam functions not only as an optical disturbance, but also as a hindrance to the proper development of the protective function of the coating.

Nearly all paint system components can affect foam behavior either positively or negatively. In addition, the substrate and the application method can have an influence as well. Removal of foam is very much situation specific and a coating material cannot be defoamed 'in general'. For instance, a particular spray application may result in excellent film properties; nevertheless, the utilization of the exact same paint system in a curtain coater operation may create foam problems.

Since it is virtually impossible to escape the occurrence of potential foam stabilizing substances in coatings systems, defoamers are employed to avoid the formation of foam and/or to destroy (as rapidly as possible) foam which has already been formed.

Therefore, defoamers play an essential part in almost all formulations.

Defoamer Name	APEO FREE	Paints and Coating Application				Adhesive Application				Inks Application	
		Flat to Semi - Gloss Paint	High Gloss Paint	Elastomeric /Roof Coating	Traffic Marking Paint	PSA	VA/ETHYL VA	PVA	Acrylic	H ₂ O based	UV Curing
TRIOBAN PC NXZ	✓					•	•	•			•
TRIOBAN PC 1070	✓	•	•	•	•				•	•	
TRIOBAN AW 642 LV	✓	•	•			•					
TRIOBAN IC NIK	✓	•	•		•	•				•	
TRIOBAN PC DKW	✓	•		•				•	•		•
TRIOBAN PC NSDL	✓	•				•					
TRIOBAN PC SDXL	✓	•				•					
TRIOBAN PC 2151	✓	•		•				•	•		•

TRIOBAN PC NXZ

- A silicone free defoamer used for all common emulsion system
- Good compatibility in a wide range of systems
- Retains high, and long lasting efficiency
- Effective over a wide pH range
- Non -corrosive & effective knockdown Properties

TRIOBAN PC 1070

- A liquid defoamer for waterborne application.
- Effective in both acid & alkaline system
- Excellent stability & provides long term effectiveness in water
- It is Economical in use
- Generally, 0.2-0.5 % usage based on total system.

TRIOBAN AW 642 LV

- Readily dispersible in water, can be added at the end of polymerisation or at any stage of a compounded formulation.
- Gives substantial freedom from defects such as "fish eyes" and surface imperfection during film formation.
- Rapid bubble breaks in brushing or roll outs without causing surface defects.
- High efficiency for maximum economy & Effective in acidic or alkaline systems.
- As an anti-webbing agent, 0.1-0.3 % will be adequate; as a defoamer, 0.3-0.5 % is normally adequate.

TRIOBAN PC 2151

- Design Especially for water based system.
- It is highly efficient hydrocarbon oil based anti foam agent.
- It is highly effective in the presence of many surfactants.
- It controls foam at any point in manufacturing, packing or application of the paint.
- Unaffected by extremes of temperature & in wide range of pH.

TRIOBAN PC NSDL

- Provides rapid foam knockdown.
- Dispersible in water to give emulsion of moderate stability.
- High efficiency for maximum economy & Effective in acidic or alkaline systems.
- Long lasting efficiency.
- Generally ,0.1-0.5 % usage will normally adequate.

TRIOBAN IC NIK

- Extremely versatile; negligible effect on gloss.
- Combines quick knock down of foam with long lasting efficiency.
- Effective over a wide pH range.
- Generally, 0.1- 0.5 % usage will be normally be adequate for most surface coating.

TRIOBAN PC SDXL

- A New Water based Defoamer in economical range.
- Good knock down, long term efficiency and is very effective at low dosage.
- Stable Under adverse pH Condition.
- Generally, 0.1-0.5 % usage will normally adequate.

TRIOBAN PC DKW

- Combines quick knock down of foam with long lasting efficiency.
- Unaffected by extremes of temperature & pressure; effective in acid & alkaline media.
- Generally, 0.1- 0.5 % usage will provide good foam control.