



Formulation Additives by NAC Revision 4: October, 2023

NACO-DF 2211

Defoamer and Air Release Additives (Oil Based)

Silicone-free foam control agent is especially recommended for water-based automotive primers and top coats based on saturated polyester resins. Don't create defects like pinholes, craters, and fish eyes in the final coatings film. Don't interfere with adhesion between layers of coatings.

Product Data

Composition: Oil based defoamer > Silicone-free

Typical Properties:

Note: This information is intended as a guideline only and should not be used to issue specifications. Slight deviations do not affect application and capability of the product.

Physical Form: Opaque liquid

Active Content: 100% Specific gravity (25 °C): 0.9 g/ml

Solubility: Water miscible

Applications

Applications > Recommended for > Particularly Recommended:

Coatings/ Emulsion polymerization/ Adhesives > Water-based systems

Water-based OEM coatings

Recommended Levels:

Note: The properties and performance of the additive are greatly dependent upon the specific formulation in which it is utilized and, consequently, should always be tested (possibly at different treatment levels, temperatures, and/or time intervals) to verify performance before use.

Based on

Total formulation weight: 0.3% to 0.7%

Special Feature:	Don't create pinholes, craters and fish-eyes
Incorporation and Processing Instructions:	The defoamer can be very easily incorporated without the effort required for dispersing and can also be used in the mill base as well as in the let-down.
Storage and Transportation:	Separation or turbidity may occur at low temperatures. Heat to 30-40 °C and stir. The minimum shelf life in closed containers is 12 months from the date of manufacture.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.