### Additives for coatings and printing inks

# DISPARLON®

IS-1181E April 20, 2015

## DISPARLON<sup>®</sup> LAP-10, LAP-20, LAP-30

#### (Anti-popping/defoaming agents)

**DISPARLON LAP-10, LAP-20 and LAP-30** are anti-popping/defoaming agents based on an acrylic polymer developed specifically for high-polar coatings like high-solid baking systems.

#### ADVANTAGES

- Effective particularly in preventing popping associated with high-solid coatings involving methylated melamine, which is said to be difficult to control with conventional additives.
- In addition to the ability to prevent popping, these products can give leveling properties to the coating, thus eliminating the Benard-cell formation and floating.
- Silicone free/good recoatability.

#### **APPLICATIONS**

As anti-popping agents

Applications		Recommended coating type	
High-solid polyester (acrylic) melamine		Automotive, Coil, Electric appliance	
Acid / Epoxy systems		Automotive (Clear top)	
High-solid 2K urethane systems		Automotive (Clear top)	

As defoaming agents

Applications	Recommended coating type	
UV cured systems	Wood, Ink	
Epoxy / Polyamide systems	Flooring	

#### **INCORPORATION**

Additive level : $0.3 \sim 2.0\%$  by wt on total formulation.Method :Post addition on a high speed dissolver is recommended.

#### TYPICAL PROPERTIES

	DISPARLON LAP-10	DISPARLON LAP-20	DISPARLON LAP-30	
Appearance	Clear to light yellow liquid			
Non-volatile [%]	20% by wt.	20% by wt.	20% by wt.	
Density	0.882	0.899	0.913	
Viscosity	3.9mPa·s(cP)	$2.7 \text{mPa} \cdot \text{s(cP)}$	$3.0 \text{mPa} \cdot \text{s(cP)}$	
Solvent	S-naphtha/n-Butyl acetate	n-Butyl acetate	n-Butyl acetate	

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