

*Additives for coatings and printing inks*  
**DISPARLON<sup>®</sup>**

(TN-040726/IT-4213)

(July, 2004)

### Defoamers for UV-cured coating systems

**EXPERIMENTAL UVX-188**  
**EXPERIMENTAL UVX-189**  
**EXPERIMENTAL UVX-190**

**EXPERIMENTAL UVX-188, UVX-189 and UVX-190** are excellent defoaming additives based on special vinyl polymer. The **EXPERIMENTAL UVX-188, UVX-189 and UVX-190** are specially designed for defoaming of UV coating accompanied with excellent air-release in any stage from coating manufacturing to film forming. **EXPERIMENTAL UVX-188, UVX-189 and UVX-190** do not contain any solvent.

#### TYPICAL PROPERTIES

	UVX-188		UVX-189	UVX-190
<b>Appearance</b>	Clear to light yellow liquid			
<b>Component</b>	Vinyl polymer			
<b>Solids content</b>	100%			
<b>Density g/cm<sup>3</sup>*1</b>	0.891		0.864	0.865
<b>Reflective Index</b>	1.502		1.487	1.481
<b>Viscosity (Pa·s)</b>	2.8		0.98	0.94

\*1 At 20 degree C.

#### APPLICATION AND INCORPORATION

- These products are suitable for UV-cured coatings systems, such as Urethane acrylate, Epoxy acrylate, Polyester acrylate, and cationic coating systems.
- Post-addition is recommended. Can be added at any stage.
- Standard additional level is 0.1 to 2.0 wt % on total formulation.
- Can be used for water borne coatings.

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## TSCA Status of DISPARLON UVX Series

Date: March 30, 2007

<b><u>PRODUCT</u></b>	<b><u>TSCA STATUS</u></b>
DISPARLON UVX 188	LISTED
DISPARLON UVX 189	LISTED
DISPARLON UVX 190	LISTED
DISPARLON UVX 35	TSCA COMPLIANT, POLYMER EXEMPT**
DISPARLON UVX 36	TSCA COMPLIANT, FOR R&D*
DISPARLON UVX 39	TSCA COMPLIANT, FOR R&D*
DISPARLON UVX 270	TSCA COMPLIANT, FOR R&D*
DISPARLON UVX 271	TSCA COMPLIANT, FOR R&D*
DISPARLON UVX 272	TSCA COMPLIANT, FOR R&D*

\* TSCA COMPLIANT, FOR R&D: These UVX products meet the requirements for Polymer Exemption under the TSCA regulations. TSCA requires that the R&D designation remain in place until commercial quantities are sold in the USA and King Industries notifies EPA in writing that the products have been commercialized.

\*\* TSCA COMPLIANT, POLYMER EXEMPT: These UVX products have been fully commercialized and meet the requirements for Polymer Exemption under the TSCA regulations.

Please do not hesitate to contact us if you require any additional explanation.