

## **DSX® 3075**

### **Use**

DSX 3075 is a new solvent-free, patented non-urethane based associative rheology modifier for acrylic and styrenated-acrylic resin systems. DSX 3075 is very efficient in building high-shear (ICI) viscosity. DSX 3075 is generally 25-35% more efficient than commercially available high shear associative rheology modifiers. It can be used either alone or in combination with other DSX associative rheology modifiers to develop the desired coating rheology

### **Additional data**

Appearance	Clear to Slightly Hazy Light Amber Liquid
Solids (ISO 1625)	19.0 - 21.0 %
Density (25° C) (ISO 2811-3)	1.000 – 1.010 g/ml
Viscosity (25° C) (ISO 2555, Sp. 21, 20rpm)	1300 – 1800 mPa s

### **Properties**

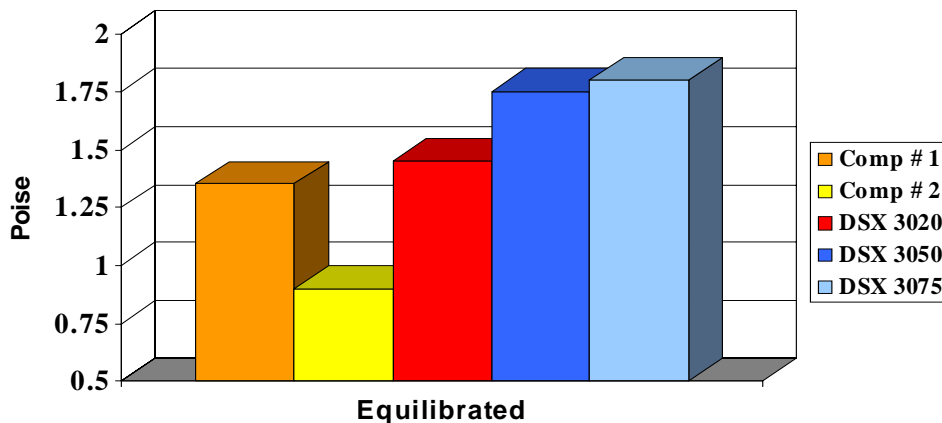
DSX 3075 has a very good balance between flow and leveling and sag resistance. It is very cost effective due to its efficiency while still providing enough high shear viscosity. The rheology profile DSX 3075 provides is a KU development in the 90-100 range and a high-shear viscosity (ICI) in the 1.6 – 2.2 Poise range.

DSX 3075's advantages are:

- High efficiency in developing high shear viscosity (ICI)
- Excellent balance between flow and leveling and sag resistance
- Develops good gloss
- Very easy to incorporate
- Easy to handle and pump

## High Shear Viscosity

Rhoplex® SG-30 Acrylic Semi-Gloss Paint (JNV-1827)



Equal Thickener - Actives

### Dosage

For semi-gloss paint formulas, use 25 - 35 pounds of DSX 3075 per 100 gallons to achieve a 1.6 – 2.2 Poise viscosity. For the letdown portion, it is recommended that DSX 3075 be added before the latex addition. If it is after the latex, DSX 3075 should be added under good agitation. DSX 3075 can be used to make post-batch adjustments. For adjustments, it is recommended that DSX 3075 be added slowly and under very good agitation.

**Regulatory Status**

EINECS, TSCA, DSL

**Miscellaneous**

DSX 3075 is shipped in 55 gallon (200 liter) steel drums. If subjected to below freezing temperatures, product may congeal or stratify. Warm to room temperature and mix well before using.

**Freight Classification**

DSX 3075 is classified as Synthetic Resins, NOIBN (Resin and Resin Compounds).

**Revision-No.**

4-06.2005 Effective June 15, 2005

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