

DAPRO® W-77

Surface Tension Modifier for Waterborne Coatings and Inks

GENERAL INFORMATION

DAPRO W-77 Interfacial Tension Modifier acts as an intermediate between areas of high and low surface tension, either within a coating or between the coating and the substrate. It will eliminate or diminish film defects such as crawling, fish eyes, and some forms of cratering. **DAPRO W-77** can also promote spreading and uniform film formation on hard-to-wet or contaminated surfaces. **DAPRO W-77** also provides excellent recoatability.

CHEMICAL & PHYSICAL PROPERTIES

Appearance	clear liquid
Solids	50.0 %
Flash point	122 °F / 50 °C
Specific gravity	1.03
Surface tension in water at 0.05 % (dynes / cm)	33
Brookfield viscosity cps	< 40 (Brookfield RVT, spindle 1, 60 rpm, 25°C)

These are typical properties not to be used for specification purposes.

APPLICATIONS

- Waterborne Paint & Coatings
- Industrial Coatings
- Maintenance finishes
- Inks
- Adhesives

KEY PROPERTIES

- Does not cause intercoat adhesion problems.
- Improves substrate wetting.
- Reduces defects caused by low surface tension additives.

NOTE: The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchasers will be subject to a separate agreement which will not incorporate this document.

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- Promotes improved flow and leveling.

INCORPORATION

DAPRO W-77 is a low viscosity fluid that can be easily incorporated to the coating as supplied.

DAPRO W-77 is suitable for addition at any stage of manufacture of pigmented or clear coatings.

LEVELS OF USE

Addition of 0.25 - 1.00 % of **DAPRO W-77** on total formulation will provide optimum performance.

HEALTH AND SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

STORAGE RECOMMENDATIONS

DAPRO SIN 3077 should be stored out of direct sunlight at temperatures between 40 °F / 5 °C and 130 °F / 50 °C.

SHELF LIFE

DAPRO W-77 has a shelf life of four (4) years from the data of manufacture

QUALITY ASSURANCE

Since 1992 the company is a holder of the ISO 9001 / ISO 9002 certificates, which guarantees that all operations are conducted according to the stipulated standards.