

SUPREAD[®] 2059

High Performance Wetting Agent with Low Foaming

GENERAL INFORMATION

SUPREAD 2059 is a non-ionic surfactant with multifunctional properties.

SUPREAD 2059 is low VOC and free of Alkylphenolethoxylates.

CHEMICAL & PHYSICAL PROPERTIES

Appearance	clear to slightly hazy liquid
Color (Gardner)	0 - 2
Active non-volatile content (% by weight)	98 -100%
Carrier solvent	water
Specific gravity	0.954 - 0.994 g/ml
Viscosity (mPa.s) Spindle 1 @ 60rpm	20 - 40
HLB	7 - 8
pH (0.30% aqueous solution)	6.5 - 7.0
Flash point	282°F/139°C
VOC gms./liter	< 2

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

APPLICATIONS

- Low VOC decorative coatings
- Water based industrial coatings which are spray applied
- Waterborne inks
- TiO₂ slurries
- Pigment Concentrates

KEY PROPERTIES

- Excellent wetting and dispersing properties
- Fast dynamic surface wetting
- Can be added at any stage of the manufacturing process
- Does wet out inhomogeneous surfaces perfectly and prevents surface defects on low energy surfaces, e.g. glass, different plastic types, wood, metal, etc.
- Excellent pore filling properties on wood
- Does not impact gloss
- Does not impact drying time, hardness, block resistance
- Does not impact water resistance properties
- Minimizes microfoam
- Reduced foaming

INCORPORATION

SUPREAD 2059 can be added at any stage of the manufacturing process.

LEVELS OF USE

Typical use level of **SUPREAD 2059** in Decorative Coatings and Wood Coatings is 0.2 % as supplied on total paint weight.

Typical use levels of **SUPREAD 2059** in TiO₂ slurries and pigment concentrates is 0.5 - 1.0% as supplied on total slurry weight.

We suggest the level of use to be determined by a ladder study.

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.

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STORAGE RECOMMENDATIONS

SUPREAD 2059 should be kept above 4°C (40°F). In the event of accidental freezing, thaw gently, spread a portion between glass slides and examine for granules. If found, do not use.

SHELF LIFE

SUPREAD 2059 has a shelf life of 2 (two) years from date 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.

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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