

SUPREAD™ 3410

Low foam silicone based wetting agent

GENERAL INFORMATION

SUPREAD™ 3410 is a special design with branch structure and specific control on hydrophilic portion to reduce surface tension & control liquid-gas and liquid solid adsorption tendency. Exhibit excellent surface tension reduction capability and strength surface activities to enhance excellent substrate wetting ability, prevent cratering properties and with controllable low foaming performance. Suitable for water base coating, such as wood, plastic, and other industrial coatings.

CHEMICAL & PHYSICAL PROPERTIES

Composition Special designed multi-function branch modified silicone blend

Appearance Amber clear to hazy liquid

Active Content >90%

Brookfield viscosity cps 200-800 cP (25 °C)

Storage precaution Stored in the range of 4 - 40°C (40 - 100°F). Avoid placing in direct sunlight.

APPLICATIONS

- Industrial coatings
- Plastic coatings
- Wood & furniture coatings

KEY PROPERTIES

- Wetting enhancement for system which in for wood, plastic, and industrial coating.
- Excellent surface tension reduction capability to exhibit good substrate wetting performance.
- Lower foaming behavior comparing to traditional wetting agent.
- Prevent or eliminate some possible cratering effect from coating additives or other composition.

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INCORPORATION

- Predilute or supply form are both acceptable to addition into system and mix well before use is required.
- Suggest use at post addition stage in application system.

LEVELS OF USE

Typical use level of **SUPREAD™ 3410** is 0.1 to 1.0% based on formulation weight.

Always run a ladder test to determine the optimum dosage before use.

COMPATIBILITY

SUPREAD™ 3410 is a fully water-based product that does not contain co-solvent, it is relatively hydrophilic.

HEALTH & 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.

SHELF LIFE

SUPREAD™ 3410 has a shelf life of 24 months from date of manufacture.

STORAGE RECOMMENDATIONS

Syneresis may occur after storage for a long period of time, therefore the product must be mixed well prior to use.

Keep away from sources of ignition and heat, as well as container tightly closed in a dry and well-ventilated area.

Store between 0 to 40 °C

Handle in accordance with good industrial hygiene and safety practices.

QUALITY ASSURANCE

Quality system at the site manufacturing this product complies with and is certified to ISO 9001 quality standards.

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