

Product Name	STEPCOTE™ W-700
Chemical Description	Ethoxylated tallow amine
CAS Registry Number	61791-26-2
Application	<p>STEPCOTE W-700 is an effective wetting agent for use in waterborne coatings. It can be incorporated during the letdown phase of production or post added to the final formulation. Typical use level, based on active content, is 2 – 6 lbs/100 gallons, however, optimal dosing should be determined by performing a ladder study. STEPCOTE W-700, although primarily a wetting agent, may positively impact the following coatings properties:</p> <ul style="list-style-type: none"> • Low Foaming • Color Acceptance • Washability
Typical Properties	<p>Appearance at 38 °C Clear liquid</p> <p>Actives, % 100</p> <p>Density at 38°C, g/mL (lbs/U.S. gal) 0.89 (7.4)</p> <p>pH, 5% in 1:1 IPA/H₂O 9.8</p> <p>Flash Point, SETA, °C (°F) >94 (>201)</p> <p>Pour Point, °C (°F) 21 (70)</p> <p>HLB, calculated 5</p> <p>RVOC, U.S. EPA, % 0</p>
Storage & Handling	<p><u>Standard Packaging:</u> STEPCOTE W-700 is available in bulk quantities.</p> <p><u>Bulk Storage Information:</u> Stainless steel and glass fiber-reinforced polyester tanks are recommended. Many oven-cured phenolic and epoxy/phenolic linings may also be used. Elevated storage temperature may be desirable to maintain ease of pumping. Temperatures up to 54 °C (130 °F) can be maintained for long periods of time without degradation of the product.</p> <p><u>Non-bulk Storage Information:</u> STEPCOTE W-700 that has been stored in drums at temperatures below 16 °C (60 °F) may thicken or solidify. STEPCOTE W-700 is a viscous liquid below 24 °C (75 °F). The surfactant may be fluidized by warming with a drum heater or in a steam room. Drums should be vented prior to heating to avoid excessive pressure build up. Product temperatures over 54 °C (130 °F) are not recommended.</p> <p>Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling STEPCOTE W-700. Contact with eyes, nose and prolonged contact with skin should be avoided. Wash thoroughly after handling materials.</p>
Clearances	The international inventories (country clearances) of STEPCOTE W-700 can be found in Section 15 of the Safety Data Sheet (SDS). It is the responsibility of the formulator to review the chemical control regulations for each country where the end product is intended to be sold or used. If you have any further questions regarding inventories, please contact North American Technical Service at techserv@stepan.com .



Product
Stewardship

This product bulletin has been written in accordance with ACC's Product Stewardship guidelines.

Additional
Safety
Information

A Safety Data Sheet is available upon request.



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