



Product Name	STEPCOTE™ W-125
Chemical Description	Polyalkylene oxide block copolymer
CAS Registry Number	9003-11-6
Application	<p>STEPCOTE W-125 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-125, although primarily a wetting agent, may positively impact the following coatings properties:</p> <ul style="list-style-type: none">• Gloss• Low Foaming• Color Acceptance
Typical Properties	<p>Appearance at 25 °C Hazy, slightly yellow liquid</p> <p>Actives, % 100</p> <p>Density at 50 °C, g/mL (lbs/U.S. gal) 1.05 (8.8)</p> <p>pH, 1% in 1:1 IPA/H₂O 5.7</p> <p>Cloud Point (1% aqueous), °C (°F) 82 (180)</p> <p>Flash Point, PMCC, °C (°F) >94 (>201)</p> <p>Pour Point, °C (°F) 5.6 (42)</p> <p>HLB 13</p> <p>RVOC, U.S. EPA, % 0</p>
Storage & Handling	<p><u>Standard Packaging:</u> STEPCOTE W-125 is available in bulk quantities.</p> <p><u>Bulk Storage Information:</u> It is recommended that STEPCOTE W-125 be stored in stainless steel and glass fiber-reinforced polyester tanks. Many oven-cured phenolic and epoxy/phenolic linings may also be used. Storage temperatures above 32 °C (90 °F) are 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>STEPCOTE W-125 which has been stored in drums at temperatures below 7 °C (45 °F) will solidify. It 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.</p> <p>Normal safety precautions (i.e., gloves and safety goggles) should be employed when handling STEPCOTE W-125. Contact with eyes, nose and prolonged contact with skin should be avoided. Wash thoroughly after handling materials.</p>
Clearances	<p>The international inventories (country clearances) of STEPCOTE W-125 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.</p>



Product
Stewardship

Additional
Safety
Information

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

A Safety Data Sheet is available upon request.



The information contained herein is based on the manufacturer's own study and the works of others and is subject to change without prior notice. The information is not intended to be all-inclusive, including as to the manner and conditions of use, handling, storage or disposal or other factors that may involve additional legal, environmental, safety or performance considerations. Nothing contained herein grants or extends a license, express or implied, in connection with any patents issued or pending of the manufacturer or others, or shall be construed as a recommendation to infringe any patents or to violate any applicable laws. **STEPAN COMPANY MAKES NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR USE, AND NO WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE, INCLUDING REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY, ACCURACY, COMPLETENESS, ADEQUACY OR OTHERWISE.** Stepan Company (and its employees, subsidiaries and affiliates) shall not be liable (regardless of fault) to the vendee, its employees, or any other party in respect of this information, including in respect of its accuracy, completeness, adequacy, furnishing, use, or reliance upon, and the vendee assumes and releases Stepan Company (and its employees, subsidiaries and affiliates) from all liability, whether in tort, contract or otherwise to the fullest extent possible under the relevant law.

Stepan 
Corporate Headquarters
Northfield, Illinois 60093, U.S.A.
Phone: 847-446-7500
Fax: 874-501-2100
Website: www.stepan.com

For Technical Service Call:
Stepan North America **+1-800-745-7837**
Stepan Mexico **+55-11-5089-2208**
Stepan Quimica **+55-11-5089-2200**
Stepan Colombia **+571-636-2808**
Stepan Europe **+33-476-505-160**
Stepan Asia **+656-879-9855**
Stepan Philippines **+656-879-9855**

For Customer Service Call:
Stepan North America **+1-800-457-7673**
Stepan Mexico **+52-555-533-1967**
Stepan Quimica **+55-11-5089-2200**
Stepan Colombia **+57-6-8993125**
Stepan UK **+44-161-338-5511**
Stepan France **+33-476-50-51-00**
Stepan Philippines **+63-2-842-7951**