

Safecote CLV

Technical Data Sheet

Final Preservative Rust Preventive Solution

Description	<p>Safecote CLV is an environmentally safe, water-based transit coating that provides protection for a wide range of ferrous metals. Using a specially designed blend of low VOC inhibitors, emulsifiers, and surfactants, Safecote CLV protects metals surfaces by depositing a firm, waxy film coating. When dry, the amber wax film provides excellent high humidity and salt spray protection properties. CLV is an OEM-approved corrosion preventive for threaded bolt holes for equipment stored outdoor.</p> <p>Safecote CLV is typically used as a preservative coating on metals parts before going into storage or during shipment to provide effective, long-term protection. CLV commonly protects parts such as engine blocks, large machinery, valves and gears, fabricated metal components and assemblies, and threaded bolt holes. Compatible with Daubert Cromwell VCI paper, film, and emitters. Available in 5- and 55-gallon drums, and totes.</p>
Key Features	<ul style="list-style-type: none">• Low VOC, water-based barrier coating.• OEM-approved corrosion preventive for threaded bolt holes for equipment stored outdoor.• Excellent high humidity and salt spray protection properties.• CAT Approved 1E0030A, 1E0335, 1E4967F, 1E4968A, and 1E4970 THP
Approvals	 
Guide for Use and Removal	<p>Metal surface should be clean, dry, and free of rust, oil, and mill scale. Recommended metal substrate temperature is 50-95°F (10-35°C) at time of application. Safecote CLV is formulated to be used as supplied. Do not dilute without first consulting a Daubert Cromwell representative, as thinning will affect film buildup, dry time, and performance. Can be brushed, sprayed, or dip applied to a thickness of 1 to 1.5 mil. DO NOT FREEZE.</p> <p>Safecote CLV can be removed using solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. Remove from fabrics by normal dry-cleaning procedures. Avoid the use of chlorinated or highly aromatic solvents when removing from painted surfaces.</p> <p>Note: The addition of any coatings or products other than those recommended by Daubert Cromwell over or under this product could result in chemical incompatibility, thus adversely affecting the performance of this product. Please contact your Daubert Cromwell Technical Service Representative for product recommendations.</p>
Storage	<p>Store sealed, in a dry location, out of direct sunlight in temperatures not to exceed 95°F (35°C) or below 50°F (10°C). Storage outside these conditions may affect shelf life.</p>
Shelf Life	<p>12 months from date of shipping, stored in the original shipping container used by Daubert Cromwell and not in high humidity and not at high temperatures, or stored outside.</p>



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Physical Data

Property	Typical Value or Range
Appearance	Cloudy off-white liquid
Viscosity, Zahn EZ #2, Sec (ASTM D4121)	35-65
Pour point - °F (°C)	n/a
Specific gravity - g/mL	1.03 @77°F(25°C)
Weight per gallon, lbs (ASTM D1475)	8.6 Typical
pH	8.0 - 9.0
VOC	0.67 lb/gallon minus water
Non-Volatile, % by weight (ASTM D2369)	n/a
Flash point - °F (°C)	Water-based, >200°F
Penetration, cone, non-volatile fraction, dmm (ASTM D937)	n/a
Indoor Protection Time	5 years minimum
Outdoor Protection Time	1 year minimum, uncovered. 2 to 5 years, covered

Protection Capabilities

Contact your Daubert Cromwell Technical Service Representative for more information on the best protection solutions for your part or assembly.

- 100% Relative Humidity (ASTM-D-1748 at recommended DFT) Result: >2000 hours
- Salt Fog Resistance, ASTM B-117 Result: > 500 hours

Warranty

The data, statements and recommendations in this product specification sheet are based on testing, research and other development work, which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. Physical properties shown above represent typical values and are not intended for use in writing specifications. Actual values may vary. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their production conditions and use. All products manufactured by us are warranted to be first class material and free from defects in material and workmanship. Liability under this warranty is limited to the net purchase price of any such products proven defective or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other material and products. We make no warranty, express or implied, as to the suitability of any of our products for any particular use, and we shall not be subject to liability for any damages resulting from their use in operations not under our direct control. This warranty is exclusive of all other warranties, express or implied, and no representative of ours or any other person is authorized to assume for us any other liability in connection with the sale of our products.

