



DURALAQ[®]

HIGH SOLIDS WATER WHITE N/C SEALER 1C-423

Features

- 23% Solid Content
- Ready To spray Viscosity
- Resists Cold Checking
- Sands Easily
- Fast Drying
- Water White Clarity

General Description

Lenmar[®] DuraLaq[®] 1C-423 high performance, 23% solids, water white, nitrocellulose sanding sealer is an ideal choice for most interior wood surfaces that require a high-quality lacquer system. The primary benefits of this ready to spray sealer include an exceptional amount of solids for initial build and sealing, and superior sanding properties. High quality resins give this sealer the ability to penetrate and bond with the profile of properly prepared interior wood surfaces. Once dry, silicon carbide 280-320 grit sandpaper will easily glide over the sealer and powder up to a smooth surface which is compatible with any of the Lenmar[®] Duralaq[®] premium quality lacquer topcoats. No reduction of 1C-423 is necessary. For a true non-yellowing finish over natural, white or pickle finishes, try Lenmar[®] Ultra UniLaq[®] 1M-97X CAB Acrylic Series.

Recommended For

Fine Furniture, High End Interior Wood, Window & Door Trim, Door Trim & Crown Moldings, Interior Doors & Hand Rails.

Limitations

- Entire system should not exceed 4 mils dry.

Product Information

| <p>Colors — Standard: Clear</p> <p>— Tint Bases: N/A</p> <p>— Special Colors: N/A</p> <p>Certification & Qualifications : The products supported by this data sheet contain a maximum of 680 grams per liter VOC (5.7 lbs/gal.) excluding water & exempt solvents. *Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.</p> <table border="1"> <thead> <tr> <th>VOC REGION</th> <th>COMPLIANT</th> </tr> </thead> <tbody> <tr> <td>FEDERAL</td> <td>YES</td> </tr> <tr> <td>OTC</td> <td>NO</td> </tr> <tr> <td>OTCII</td> <td>NO</td> </tr> <tr> <td>CARB</td> <td>NO</td> </tr> <tr> <td>CARB07</td> <td>NO</td> </tr> <tr> <td>UTAH</td> <td>NO</td> </tr> <tr> <td>AZMC</td> <td>YES</td> </tr> <tr> <td>SCAQMD</td> <td>NO</td> </tr> </tbody> </table> <p>Technical Assistance: Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-877-299-3600 or visit www.lenmar-coatings.com</p> | VOC REGION | COMPLIANT | FEDERAL | YES | OTC | NO | OTCII | NO | CARB | NO | CARB07 | NO | UTAH | NO | AZMC | YES | SCAQMD | NO | <table border="1"> <thead> <tr> <th colspan="2">Technical Data</th> <th>Clear</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td></td> <td>Nitrocellulose</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>N/A</td> </tr> <tr> <td>Weight Solids</td> <td></td> <td>23% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td></td> <td>17% ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at 1 mil DFT</td> <td></td> <td>272 – 300 sq. ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet – Dry</td> <td>3 – 5 mils 0.5 – 0.8 mils</td> </tr> <tr> <td colspan="3">Coverage calculation does not include spray loss or equipment inefficiency. Also allow for wood species, surface preparation, surface defects and porosity of substrate to affect spread rates.</td> </tr> <tr> <td>Dry Time @ 75 °F (23.8 °C) @ 50% RH</td> <td>– To Sand – To Recoat</td> <td>25 – 30 Minutes 30 – 60 Minutes</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry and recoat times.</td> </tr> <tr> <td>Dries By</td> <td></td> <td>Evaporation</td> </tr> <tr> <td>Viscosity</td> <td></td> <td>26 – 30 Seconds (#2 Zahn)</td> </tr> <tr> <td>Flash Point</td> <td></td> <td>23 °F (-5 °C)</td> </tr> <tr> <td>Gloss / Sheen</td> <td></td> <td>N/A</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min. – Max.</td> <td>45 °F 90 °F</td> </tr> <tr> <td>Thin With</td> <td></td> <td>Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td></td> <td>Acetone 1A-406 or 1A-519 Lacquer Thinner</td> </tr> <tr> <td>Weight Per Gallon</td> <td></td> <td>7.4 – 7.6 lbs.</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min. – Max.</td> <td>50 °F 90 °F</td> </tr> <tr> <td colspan="3" style="text-align: center;">Volatile Organic Compounds (VOC)</td> </tr> <tr> <td colspan="2"></td> <td>665 Grams/Liter 5.55 Lbs./Gallon</td> </tr> </tbody> </table> | Technical Data | | Clear | Vehicle Type | | Nitrocellulose | Pigment Type | | N/A | Weight Solids | | 23% ± 1.0% | Volume Solids | | 17% ± 1.0% | Coverage per Gallon at 1 mil DFT | | 272 – 300 sq. ft. | Recommended Film Thickness | – Wet – Dry | 3 – 5 mils 0.5 – 0.8 mils | Coverage calculation does not include spray loss or equipment inefficiency. Also allow for wood species, surface preparation, surface defects and porosity of substrate to affect spread rates. | | | Dry Time @ 75 °F (23.8 °C) @ 50% RH | – To Sand – To Recoat | 25 – 30 Minutes 30 – 60 Minutes | High humidity and cool temperatures will result in longer dry and recoat times. | | | Dries By | | Evaporation | Viscosity | | 26 – 30 Seconds (#2 Zahn) | Flash Point | | 23 °F (-5 °C) | Gloss / Sheen | | N/A | Surface Temperature at Application | – Min. – Max. | 45 °F 90 °F | Thin With | | Do Not Thin | Clean Up Thinner | | Acetone 1A-406 or 1A-519 Lacquer Thinner | Weight Per Gallon | | 7.4 – 7.6 lbs. | Storage Temperature | – Min. – Max. | 50 °F 90 °F | Volatile Organic Compounds (VOC) | | | | | 665 Grams/Liter 5.55 Lbs./Gallon |
|--|--------------------------|---|---------|-----|-----|----|-------|----|------|----|--------|----|------|----|------|-----|--------|----|---|----------------|--|-------|--------------|--|----------------|--------------|--|-----|---------------|--|------------|---------------|--|------------|----------------------------------|--|-------------------|----------------------------|----------------|------------------------------|---|--|--|-------------------------------------|--------------------------|------------------------------------|---|--|--|----------|--|-------------|-----------|--|---------------------------|-------------|--|---------------|---------------|--|-----|------------------------------------|------------------|----------------|-----------|--|-------------|------------------|--|---|-------------------|--|----------------|---------------------|------------------|----------------|---|--|--|--|--|-------------------------------------|
| VOC REGION | COMPLIANT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FEDERAL | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTC | NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTCII | NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARB | NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CARB07 | NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| UTAH | NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AZMC | YES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCAQMD | NO | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Technical Data | | Clear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vehicle Type | | Nitrocellulose | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pigment Type | | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight Solids | | 23% ± 1.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volume Solids | | 17% ± 1.0% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coverage per Gallon at 1 mil DFT | | 272 – 300 sq. ft. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Recommended Film Thickness | – Wet – Dry | 3 – 5 mils 0.5 – 0.8 mils | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Dry Time @ 75 °F (23.8 °C) @ 50% RH | – To Sand – To Recoat | 25 – 30 Minutes 30 – 60 Minutes | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| High humidity and cool temperatures will result in longer dry and recoat times. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dries By | | Evaporation | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Viscosity | | 26 – 30 Seconds (#2 Zahn) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flash Point | | 23 °F (-5 °C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gloss / Sheen | | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surface Temperature at Application | – Min. – Max. | 45 °F 90 °F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thin With | | Do Not Thin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clean Up Thinner | | Acetone 1A-406 or 1A-519 Lacquer Thinner | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weight Per Gallon | | 7.4 – 7.6 lbs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Storage Temperature | – Min. – Max. | 50 °F 90 °F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Volatile Organic Compounds (VOC) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 665 Grams/Liter 5.55 Lbs./Gallon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Duralaq® High Solids Water White N/C Sealer 1C-423

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

ENTIRE SYSTEM SHOULD NOT EXCEED MORE THAN 4 MILS DRY. LENMAR® PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.

Over properly prepared wood surfaces apply one full coat of 1C-423 sealer, allow to dry, then sand. Select the desired sheen from Lenmar® DuraLaq® Series topcoats, **shake well** and apply two even wet coats of 3-5 mils. Allow them to dry, scuff sanding between each coat. Do not exceed more than two topcoats.

ENTIRE SYSTEM SHOULD NOT EXCEED 4 MILS DRY.

Specifications

Moisture content of wood should be no higher than 9%. Wood must be free of surface contaminants. Sand wood with no finer than 150-grit sandpaper and remove all dust. Mix all products thoroughly and apply by spray only. Check with equipment manufacturer for proper settings to achieve good atomization. Scuff sand sealer with 320-grit sandpaper prior to finish coating. Small amounts of 1A-114 Lacquer Retarder may be necessary during adverse weather conditions to achieve optimal atomization. Do not reduce if doing so would violate any VOC regulations. Apply one coat of DuraLaq® 1C-423 water white sealer, 3-5 wet mils, allow to dry, then sand with 280-320 grit silicon carbide sandpaper. Apply 2 coats of Lenmar® DuraLaq® topcoat, in the desired sheen. Allow to dry completely, and scuff sand between each coat. Read label and SDS for additional information and warnings.

Clean Up

Clean with Acetone / 1A-406 or 1A-519 Lacquer Thinner.

Environmental Health & Safety Information

DANGER!

Causes skin irritation

Causes serious eye irritation

Suspected of causing cancer

Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Highly flammable liquid and vapor

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground /bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep cool.

Response: IF exposed or concerned, get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. In case of fire: Use CO2, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place, keep container tightly closed.

Disposal: Dispose of contents /container to an approved waste disposal plant.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

**KEEP OUT OF REACH OF CHILDREN
INTENDED FOR PROFESSIONAL USE ONLY**

**FOR WOOD SUBSTRATES ONLY
FOR INTERIOR USE ONLY**

This product may be compliant under Architectural and Industrial Maintenance regulations in some jurisdictions when field applied to stationary structures. This product may also be Shop or OEM applied. Check local regulations.

**READ ALL DIRECTIONS BEFORE USE.
UNDERSTAND ALL DANGERS WITH THIS
PRODUCT PRIOR TO USE.**

**Refer to Safety Data Sheet for additional
health and safety information.**