



DURALAQ[®]

CRACKLE LACQUER CLEAR

1D-669

Features

- Crackle Lacquer

General Description

Lenmar[®] DuraLac[®] 1D-669 Crackle Lacquer is a flat semi-clear specialty lacquer that allows custom woodworkers the option of creating a unique looking aged-effect in their lacquer finishing systems. Lenmar[®] encourages end-users to experiment with our 1D-669 first because the final effect can vary and is largely based on the individuals' application technique and finishing procedure.

Recommended For

Furniture, Kitchen Cabinets, Bathroom Vanities, Window & Door Trim, Displays.

Limitations

- Use nitrocellulose lacquers only.
- Recommended for interior use only.

Product Information

Colors — Standard:	Technical Data	Clear
Clear	Vehicle Type	Nitrocellulose
	Pigment Type	Silica
— Tint Bases:	Weight Solids	9% – 12%
N/A	Volume Solids	31% – 33%
May be tinted with industrial colorants and then applied over basecoat. See instructions on Page 2.	Coverage per Gallon at 1 mil DFT	497 - 575 sq. ft.
— Special Colors:	Recommended Film Thickness	– Wet Varies per application – Dry Varies per application
N/A	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.	
Certification & Qualifications:	Dry Time @ 75 °F (23.8 °C) @ 50% RH	– Clear Coat 30 – 45 Minutes
VOC compliant in federally regulated areas only	High humidity and cool temperatures will result in longer dry and recoat times.	
The products supported by this data sheet contain a maximum of 775 grams per liter VOC (6.47 lbs. /gal.) excluding water & exempt solvents.	Dries By	Evaporation
	Viscosity	14 – 15 Seconds (#4 Ford)
	Flash Point	36 °F (2.2 °C)
	Gloss / Sheen	Flat
	Surface Temperature at Application	– Min. 45 °F – Max. 90 °F
Technical Assistance:	Thin With	Do Not Thin
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	Clean Up Thinner	1A-519 Lacquer Thinner
	Weight Per Gallon	7.2 – 7.3 lbs.
	Storage Temperature	– Min. 50 °F – Max. 90 °F
	Volatile Organic Compounds (VOC)	
	767 Grams/Liter	6.40 Lbs./Gallon

May, 2022

Duralaq® Crackle Lacquer Clear 1D-669

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.

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An initial color coat of stain (with sealer) or pigmented primer/undercoater should be applied over a properly prepared substrate, allowed to dry, and sanded. Then, apply a basecoat of high gloss clear or tinted nitrocellulose lacquer or high build sealer. Allow this build coat to dry before application of the 1D.669. Apply the 1D-669 in desired areas. The crackle effect will become apparent as the product dries. A heavier wet film will produce more pronounced and wider cracks with the base coat/stain color showing through. A lighter wet film will produce smaller cracks. The crackle lacquer may be tinted with no more than 3 ounces of industrial colorant per gallon. In this case, whatever stain or basecoat color is applied will be visible through the crackle finish, after the application of the tinted 1D-669 has dried. Again, wet film thickness will indicate the intensity of the cracking. Adding too much colorant will cause the 1D-669 to hold together and prevent cracking. To protect the crackle appearance, 1–2 clear coats of a premium quality nitrocellulose lacquer finish should be applied.

Recommended System

- Use nitrocellulose lacquers only
- Prime substrate with undercoater
- Sand undercoater w/280 grit sandpaper
- Next apply a base of either a high gloss nitrocellulose lacquer or a high solids sealer coat. Do not sand.
- Apply 1D-669 after coating has dried.
- 1D-669 may be tinted with no more than 3 ounces of industrial colorant and then applied over base coat
- The wet film thickness of 1D-669 being applied will vary the size and depth of the cracking effect—heavier applications leave wider deeper cracking than lighter film builds.
- Use of 1A-114 retarder is acceptable in small amounts.
- 1-2 clear coats in desired sheen level is required to protect finish.

Clean Up

Clean with Lenmar® 1A-519 Lacquer Thinner.

Environmental Health & Safety Information

DANGER!

Causes skin irritation

Causes serious eye damage

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. 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. Immediately call a POISON CENTER or doctor/physician. 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

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

**KEEP OUT OF REACH OF CHILDREN
THIS PRODUCT IS INTENDED FOR SHOP OR
OEM APPLICATION ONLY.**

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

**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.**