

MARINE NANO SHOP · WATKINS WONDER WORKS · SEALANTS

MARINE NANO SHOP LIQUID CRYSTAL ARMOUR DIY CERAMIC COATING

9H SiO_2 + TiO_2 MARINE CERAMIC · DIY GRADE

SKU

LCADIY50

50 ML.

250 ML.

1000 ML.

LCADIY250

LCADIY1000

Solvent-borne SiO_2 + TiO_2 ceramic coating for gelcoat porosity. Most forgiving flash of the three LCA grades. Clear 9H marine coating in a low-VOC carrier. 12–18 months when maintained; 1-year limited guarantee.

PERFORMANCE

ROLE	Marine-grade ceramic nano coating · DIY grade (product page)
CHEMISTRY	SiO_2 + TiO_2 nanoparticles in low-VOC carrier (product page)
HARDNESS CLAIM	9H (product page)
SURFACES	Gelcoat, marine paint, glass, vinyl, metal, plastic (product page)
DURABILITY (MAINTAINED)	12–18 months (product page)
GUARANTEE	1-year limited guarantee (product page / handbook)
MIN TEMPERATURE	Do not apply below 55°F / 12°C (handbook)
FLASH CUE	Halo / rainbow effect · typically 5–10 minutes (handbook)
RECOAT / WATER	1 hour before 2nd coat; 24 h before water contact; 72 h before launch (handbook)
SHELF LIFE (OPENED)	6–12 months after opening (handbook)

APPLICATION & PHYSICAL

METHOD	Applicator pad in manageable sections; two-towel level/buff (handbook)
INITIAL COATS	Two coats recommended on initial application (handbook)
CONDITIONS	Shade; avoid nightfall/dew window (handbook / product page)

OVERVIEW

Solvent-borne SiO_2 + TiO_2 ceramic coating for gelcoat porosity. Most forgiving flash of the three LCA grades. Clear 9H marine coating in a low-VOC carrier. 12–18 months when maintained; 1-year limited guarantee.

DIRECTIONS

- 1 Prep surface (wash, correct, Fusion if used, Prep Wipe) on a cool panel out of direct sun.
- 2 Prime applicator pad; apply Liquid Crystal Armour DIY in manageable sections.
- 3 Wait for halo/rainbow flash (typically 5–10 minutes depending on temperature/humidity).
- 4 Level with towel #1, then buff to a uniform shine with clean towel #2; overlap sections.
- 5 Allow 1 hour before a second coat; wait 24 hours before water contact and 72 hours before launching.

SAFETY SNAPSHOT

Manufacturer SDS not published on marinenanoshop.com or MDSC product pages at research time. Solvent-borne coating — follow product label and handbook.

CARRIER Low VOC (qualitative — % not published on product page)

Manufacturer SDS URL not retrieved for this article.

SOURCES

1. Manufacturer tech data / product information — <https://marinenanoshop.com/products/liquid-crystal-armour-diy-ceramic-coating-for-boats>
2. Manufacturer Instruction & Guarantee Handbook — <https://fliphtml5.com/nkuxs/bfks>
3. Manufacturer SDS — not retrieved (see omissions)
4. MDSC catalog for name / SKU / image / pack sizes only — <https://marinedetailssupply.com/products/marine-nano-shop-liquid-crystal-armour-diy-ceramic-coating-for-boats>
5. Omissions — Numeric VOC % not published; pH not applicable/not published; SDS not retrieved