

TECHNICAL DATA SHEET



JADE

Pearl

LEATHER & VINYL CERAMIC COATING

DESCRIPTION

JADE Pearl is a low actives, clear, nano-crystalline ceramic coating that protects leather & vinyl surfaces from color transfer, spills, physical abrasion and UV rays while repelling water, dirt and grime via a self-cleaning effect. JADE Pearl applies an inert, durable coating film that is up to several microns thick and imparts a deep color and semi-gloss. JADE Pearl is a solvent-borne, ceramic coating that imparts a thin veneer of ceramic coating material that is much more durable than prior silicone-based technologies. This is exceptionally easy to use and a great introductory product to ceramic coating technology for interiors.

INSTRUCTIONS

Shake well before use. Saturate a microfiber applicator or similar with numerous mists of material from the bottle. Apply the coating to a 2x2 ft area using a cross-hatch pattern with slight overlap to level the product. Allow the coating to dwell for up to 5 minutes at ambient temperatures and gently remove excess product using a clean suede cloth or low nap microfiber towel.

Do NOT allow coating to come in contact with water for 24 hours while curing - if it does, remove water promptly. Apply additional coats with at least one hour between applications. Do NOT apply in direct sunlight or to a hot surface. Cure time is dependent on environmental conditions - test product on a small inconspicuous area first to gauge cure time.

GENERAL INFO.

Cautions: Can cause eye irritation. Excessive inhalation may cause respiratory irritation. Ingestion can cause gastrointestinal irritation. Prolonged skin contact may cause slight irritation. Harmful if swallowed.

First Aid: If product comes in contact with eyes, flush with water for 15 minutes, call physician if irritation persists. If product is inhaled, remove to fresh air, call physician if irritation persists. If product is ingested, do NOT induce vomiting, call a physician.

TRANSPORT

DOT: UN 3082, PG III
IMDG: 5L
IATA: 10L



PHYSICAL & CHEMICAL PROPERTIES

- Physical State: Liquid, Solvent
- Appearance: Clear, Colorless
- Odor: Leather, Like Ammonia
- Flash Point: 65°C | 149°F
- pH: N/A
- Specific Gravity: 0.90 g/cm³ @ 25°C
- Density: 7.50 lbs/gal @ 77°F
- Longevity: 9-12 Months | Up to 1 Year
- Hardness: >9H (ASTM D-3363)
- Thickness: 1 micron | 1000 nanometers
- Adhesion: 5B - No Coating Loss (ASTM D-3359)
- Mandrel Bend: No Coating Loss @ 180° (ASTM D-522)
- Impact: 80/80 inch-lbs (ASTM D-2794)
- Temperature Resistance: 1200-1800°C | 2200-3300°F
- Contact Angle: 100-110°
- Sliding Angle: 20-30°

