



# GRAPHENE CERAMIC SPRAY COATING



## DESCRIPTION

Interchem's Graphene Ceramic Spray Coating is a clear, nano-crystalline, graphene-oxide modified ceramic coating that protects automobile exterior surfaces from weather, chemicals, physical abrasion and UV rays while repelling water, dirt and other contaminants via a self-cleaning effect. This Graphene Ceramic Spray applies a hard, inert, durable coating film that is up to several microns thick and imparts a deep, reflective shine. It is a solvent-borne, graphene-ceramic spray coating that imparts a thin veneer of the same ceramic coating material that is generated by the glass-bottled coatings. This is exceptionally easy to use and a great introductory product to ceramic coating technology and the tangible benefits.

## INSTRUCTIONS

Shake well before use. Saturate a microfiber applicator or similar with numerous mists of material from the bottle. Apply the coating to a 5 x 5 ft. area of the vehicle using a cross-hatch pattern with slight overlap to level the product. Allow the coating to dwell for up to 10 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. If force curing, dry in a booth at 60°C for 40 minutes or use a portable short-to-medium wavelength infrared lamp for 10-15 minutes per section.

## 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, Midnight Blue, Likely to Contain Black Particulates in Suspension
- **Odor:** Characteristic, Like Ammonia
- **Flash Point:** 54°C | 130°F
- **pH:** N/A
- **Specific Gravity:** 0.95 g/cm<sup>3</sup> @ 25°C
- **Density:** 7.92 lbs./gal @ 77°F
- **Longevity:** 24-36 Months | Up to 3 Years
- **Hardness:** >10H (ASTM D-3363)
- **Thickness:** 1-2 micron | 1000-2000 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:** 110-118°
- **Sliding Angle:** 10-15°

