

# LOCK-COTE®

## 9010 Series

### PRODUCT DESCRIPTION

A fast drying, high solids, black enamel designed for use on metal or concrete substrates where a water and corrosion resistant protective coating is required. Widely used to protect steel beams, steel pipes, and other metal parts while in storage. Ideally suited for underbody automotive applications, pipe coating, burial vault coating, or other underground protective coating applications where gloss retention is not critical. Unlike other asphalt-based products, 9010 Chassis Black is non-settling and will not settle in the bottom of a dip tank. Dries quickly to a pleasing glossy black finish similar to an enamel paint finish unlike other asphalt-based products, which dry slow and leave a sticky-tar-like finish. This product is supplied below 3.5 lb/gal. VOC.

### PRODUCT BENEFITS

- Fast Drying for Increased Production Time
- Excellent Corrosion & Water Resistance
- Good Chemical Resistance
- Won't Settle in the Bottom of a Dip Tank
- Excellent Initial Gloss
- Can be Reduced with Aliphatic Solvent
- Excellent Adhesion
- VOC Compliant
- No HAPS/Sara 313 Reportable Solvents

### SURFACE PREPARATION

Surface must be clean and dry. All substrates must be cleaned free of dust, dirt, oil (including form oils and parting compounds), grease, soap residue, wax, flaking paint, chalk, mildew, or other contaminants that might impede adhesion. Sandblast or wire brush rusty surfaces. Solvent wipe and/or detergent clean surfaces with TZ Paint Prep (Waterbased Solvent Degreaser). Refer to **Surface Preparation Guide** for more detailed instructions.

### APPLICATION

**Mixing:** Stir each container thoroughly before using and occasionally while applying. No thinning usually required. Reduce if necessary with VM&P naphtha.

**Application:** May be applied by conventional air, air-assisted airless, airless, or dip. May also be applied by electrostatic or HVLP spray. Small areas may be brushed or rolled. Recommended tip size for air-assist airless or airless spray: .011 to .015 orifice with 1,200-1800 psi fluid pressure. For air spray use 50 psi air pressure and 5 psi fluid pressure with conventional air cap, tip and needle.

**Coverage:** One gallon will cover approximately 400 square feet per coat on smooth surfaces. Coverage figure does not include spray loss, loss due to surface porosity, surface irregularities, nor material loss when mixing.

**Cleanup:** Clean spills, spatters, hands, tools and other equipment promptly with VM&P naphtha. Dispose of used paint and waste in accordance with local, state, and federal regulations. Follow manufacturer's safety recommendations when using VM&P naphtha.

**Application Precautions & Limitations:** Not recommended for application where good ultraviolet resistance is required. Do not use QD HS Chassis Black Enamel as a base coat for other finishes.



# **TECHNICAL DATA** (Based on 9010)

COLOR:	Black
VEHICLE TYPE:	Asphaltum
WEIGHT GALLON:	7.60 ± 0.2 lb./gal.
WEIGHT SOLIDS:	58.0 ± 2.0 %
VOLUME SOLIDS:	52.7 ± 2.0 %
GLOSS @ 60:	70+
VISCOSITY:	60-80" #2 Zahn @ 77°F (25°C)
FLASH POINT:	57°F
COVERAGE:	
@ 1 DRY MIL:	845 sq. ft./gal.
@ 400 SQ. FT/GAL SPREAD RATE:	Deposits a 2.11 mil dry.
VOC (g/l):	392 g/l
GRIND:	#7
HMIS/NFPA:	2,3,0
THINNING & CLEANUP:	VM&P Naphtha
DRYING TIME @ 77°F AND 50% RH	
TO TOUCH:	30 Minutes
TO RECOAT:	1 Hours
IMPACT (INCH LBS)	Direct: 80      Reverse: 40
PENCIL HARDNESS	6B
PENETRATION @ 77°F (25°C)	5-10
ADHESION	5B
SOFTENING POINT	176°F (80°C)

**ENVIRONMENTAL & SAFETY STATEMENT:** This product is not formulated with any lead, chrome or mercury containing ingredients. CAUTION! Keep away from heat and open flame. Avoid prolonged contact with skin and breathing of vapor or spray mist. Do not take internally. Close container after each use. Use only with adequate ventilation. Use respiratory devices and other personal protective equipment required by OSHA 29CFT 1910. KEEP OUT OF REACH OF CHILDREN. For specific safety requirements, refer to the Material Safety Data Sheet.

**LIMITATION OF LIABILITY:** To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance, but is subject to change without prior notice. We make no guarantee of any kind, express or implied, including merchantability and fitness for particular purposes. Liability, if any, is limited to replacement of the product or refund of the purchase price. Labor, or cost of labor, and other consequential damages are hereby excluded.

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