



# BLACKCOTE (Gloss—Top Coat)

## Application Information

### PRODUCT DESCRIPTION:

BlackCote is a permanent black topcoat developed for application over painted and primed surfaces. Apply over POR-15 Rust Preventative Paint for the toughest, most permanent protection against rust and corrosion ever developed.

BlackCote is non-porous and will not crack, chip or peel when properly applied. It has amazing scratch and abrasion resistance and is similar in strength to regular POR-15 coatings. BlackCote is not sensitive UV sensitive and may be exposed to sunlight without damaging consequences. Follow directions carefully and you will be rewarded with the best chassis protection in the world!

### PRODUCT CHARACTERISTICS

**Odour:** Aromatic  
**Application:** Brush or Spray  
**Percent Volatile by Volume:** 29.8%  
**Thinning Solvent:** POR 15 Solvent only  
**Volatile Organics:** 2.97 lbs/gal (270 grams/litre)  
**Coverage:** 9.2m<sup>2</sup> - 11.5m<sup>2</sup> per litre  
**Flash Point (Method used):** TCC 43°C (110°F)  
**Dry Time:** 4 - 6 hours @ 30% ambient humidity  
**Viscosity:** Range @ 25°C/77°F: 250-500 CPS  
**Full cure/Maximum Hardness:** 96 hours (approx. same viscosity as regular POR-15 RPP)

### DIRECTIONS FOR USE:

- Stir contents well, then dispense a portion into a separate container and seal the can at once, keeping lid and grooves clean to avoid permanently sealing can shut.
- Do not paint directly out of can. BlackCote, like all POR-15 coatings, should always be stirred, never shaken.
- Best Dispensing Method. Use coffee scoop or pouring spout.
- Do not put left-over paint back into can.
- Thin only with POR-15 Solvent, if necessary. Apply in thin, covering coats.
- Top coating over a dry POR-15 Rust Preventative Paint surface, must be within 48 hours. Otherwise, use a 400/600 grit paper to remove the shine from the POR-15 and wash with Marine Clean, dry and paint.
- For older surfaces, sand surface first with 600 paper or use a thin coat of Tie-Coat or Acid 8 allow to dry for 24 hrs and paint.

**THINNING:** Use only POR 15 Solvent

**SPRAYING:** Use 25-35 lbs (172-240 Kpa) pressure for normal semi-gloss. Generally **BlackCote** needs thinning for spraying, at ratio of 5 - 12%, no more than 20%. If the **BlackCote** is not flowing well with a brush, eg. there are lines in the paint, and it feels sticky, add 2 - 3% POR 15 Solvent, **at a time**, until you get the flow or spread you are looking for.

**CURING:** BlackCote can take 3-4 days to reach maximum hardness or longer in temperatures below 15°C. (55°F)

**CLEAN-UP:** Use POR-15 Solvent or lacquer thinners for clean-up, which must be done before BlackCote dries; once dry BlackCote cannot be removed by solvent.

*Remember this is a general application guide and does not cover every eventuality.  
If you are unsure as to how to proceed please call us for advice.*

### QUESTIONS AND ANSWERS

**I've been using POR-15 Rust Preventive Paint for years. Can I use BlackCote instead and get the same rust protection?**

No. You can use BlackCote on bare steel and get rust protection, but nothing like POR-15 Rust Preventive Paint, which penetrates into the pores of the metal and chemically bonds with the surface. Use BlackCote over POR-15 to get the best possible protection.

**I've put BlackCote on bare steel and have gotten a terrific bond. It sure looks as good as a POR-15 coating on bare metal or steel. Isn't it just possible you're only trying to sell me another can of paint?**

Absolutely not! Side-by-side panels were tested under a variety of conditions, and POR-15 was shown to be clearly superior in preventing oxidation and corrosion. Try it yourself and you'll see. Though BlackCote will easily out-perform other coatings on bare steel, its greatest value and best use is as a topcoat over POR-15 Rust Preventive Paint. We don't classify it as a rust-preventive coating except in its use as a non-porous topcoat made to keep moisture from penetrating through it.

**How does BlackCote work over other painted surfaces?**

Very, very well. There are many occasions when you want corrosion protection over a painted surface where you can't remove the old paint. Just clean that surface with a wax and grease remover, like Marine Clean, then burnish or lightly sand surface where possible then topcoat with BlackCote.

**Is BlackCote the "perfect" topcoat, or does it have drawbacks I should know about?**

Unfortunately, nothing is perfect in this world, not even BlackCote! Like POR-15, it won't come off your hands if you let it dry; it will harden in the can if you leave the lid off or dip your brush directly in the can; it may occasionally have some tiny imperfections in its finish, so we can't call it a perfect cosmetic coating; and finally, it is certainly not inexpensive. It's very difficult to make, and the base resins are very expensive, but we've never let cost stop us from making the best coatings money can buy. Blackcote is one of those coatings.

**PRECAUTIONS:** Avoid skin contact. Remove from skin at once to avoid temporary staining.

Use of gloves and ventilating equipment is recommended.

**Note: Ventilating equipment is required for spraying. Organic vapour particulate respirators, NIOSH/MSHA approved, must be used when spraying Blackcote.**

Moisture will shorten the life of unused Blackcote. Seal can immediately after dispensing. Keep out of reach of children. Harmful or fatal if swallowed. Use in well-ventilated areas only.

### **HAZARDOUS INGREDIENTS:**

Carbon Black #12438-9, Naptha Petroleum #64742-95-6, Polymeric Isocyanate #28282-71-2, Contents partially unknown

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