



BLACKCOTE - (Gloss-topcoat)

APPLICATION INFORMATION

CONTAINS ISOCYANATES

PRODUCT DESCRIPTION:

Blackcote is a permanent black topcoat developed for application over painted and unpainted surfaces. Apply over **POR15 Rust Preventive 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 according to directions. It has amazing scratch and abrasion resistance and is similar in strength to regular POR15 Rust Preventive Coatings. **Blackcote** is not sensitive to ultra-violet light and may be exposed to sunlight without damaging consequences. **Blackcote** has excellent adhesion characteristics. Follow directions carefully and you will be rewarded with the best protection in the world!

PRODUCT CHARACTERISTICS

Odour: Aromatic

Percent Volatile by Volume: 29.8%

Volatile Organics: 2.97 lbs/gal (270 grams/litre)

Flash Point (Method used): TCC 43°C (110°F)

Viscosity: Range @ 77°F/25°C: 250-500 CPS (approx same viscosity as regular POR15 RPP)

Coverage: 9.2m²—11.5m² per litre.

Thinning Solvent: POR-15 Solvent only

Application: Brush or Spray

Dry Time: 4—6 hours @ 30% ambient humidity

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, 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 leftover 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, then 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 hours, then paint.

THINNING: Use only POR-15 Solvent

SPRAYING: Use 25-35lbs (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, e.g. 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.

CLEAN-UP: Use POR-15 Solvent or lacquer thinners for cleaning 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.

QUESTIONS AND ANSWERS

I've been using POR15 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 good protection but it is not comparable to POR15 Rust Preventive Paint, which penetrates into the pores of the metal and chemically bonds with the surface. Use **Blackcote** as a topcoat *over* POR15 to get the best possible rust protection.

What do I do to put Blackcote over the top of POR15?

The best way to apply Blackcote over POR15 is when the last coat you have done of POR15 is tacky (which will be in about 2½-3 hours), then apply the Blackcote. If you have let the POR15 cure then give it a light sand with 600 grit, just to take the gloss off the POR15.

Come on now! I've put Blackcote on bare steel and have gotten a terrific bond. It sure looks as good as a POR15 coating on bare steel or metal. 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 the POR15 coating 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 POR15 Rust Preventive Paint.

How does Blackcote work over other painted surfaces?

Very, very well. There are many occasions when you want corrosion protection over a surface and you can't remove the old paint. Simply clean that surface with a wax and grease remover, like Marine Clean 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 POR15, it won't come off your hands if you let it dry; it will harden in the can if you leave the lid off and 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.

RECOMMENDED NOTE: Organic vapour particulate respirators, NIOSH/MSHA approved or full air in-flow mask must be used when spraying Blackcote. If brushing paint in a well ventilated area. Avoid skin contact—Always wear gloves.

IMPORTANT: Blackcote contains isocyanates therefore use of full breathing gear is advised. We suggest you wear overalls and gloves as well as covering up as much of your skin as possible.

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

The information set out in this flier is, so far as can be ascertained, true and accurate, but all recommendations are made without guarantee.

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