



BlackTop

TDS/DIRECTIONS & APPLICATION INFORMATION

BLACKTOP
CHASSISCOATER

To achieve expert results, please take the time to carefully read and understand the following directions before you begin your restoration project. If you have any remaining questions or concerns, please contact us immediately for technical assistance.

ALWAYS WORK IN A WELL-VENTILATED AREA. A NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR is recommended. ALWAYS WEAR PROTECTIVE GLOVES AND EYEWEAR.

SURFACE PREP:

Apply BlackTop to clean and dry painted or bare surfaces. If needed, use KBS Klean to remove all surface contaminants. (NOTE: **Avoid** solvent-based cleaners which leave invisible residues that can affect the adhesion of BlackTop.) If the ultimate in rust protection is desired for your application, prime or seal with RustSeal first. To topcoat freshly painted RustSeal surfaces (between 3-8 hours old), apply BlackTop directly as no other prep is required. For all other painted surfaces, lightly sand with 320 grit paper then clean and dry surface. You can also apply a light dust coat of Fusion Self-Etch Primer. You are ready to topcoat with BlackTop once Fusion SEP is dry.

BLACKTOP APPLICATION (Non-Aerosol):

Do not shake can. Do not whip. Take the time to stir contents thoroughly making sure pigments are well-dispersed. Use of a mechanical mixer (**KBS Hurricane Paint Mixer** or similar mixing blade attached to drill) is highly recommended. Effective mixing includes repeatedly touching bottom of can and lifting to disperse any settled pigments and/or matting agents. Placing paint can upside down for a short time before opening and mixing will aid with proper mixing. Keep lid on container when not in use. Do not paint directly out of can. Dispense a working amount of BlackTop into a separate container (steel or glass is best) and seal can immediately. Unused paint should NEVER be put back into the can as it will shorten its shelf life and cause pressure build-up possibly popping the lid. Keep can groove free of paint by using a scoop or **KBS Paint Spout**. Use plastic wrap between the lid and the top of the can to stop metal to metal contact as BlackTop is extremely strong and tough and can permanently seal the lid. Store in a cool, dry place.

NOTE ON BLACKTOP STORAGE: If storing for a period of time, hold can lid and plastic wrap (described above) closely above can and spray **KBS Paint Saver** towards side of the can to avoid splashing. Spray **KBS Paint Saver** 2 seconds for quarts or less and 4 seconds for gallons. **KBS Paint Saver** prevents oxygen and moisture damage and extends storage times of BlackTop. Always store in a cool, dry place.

Ideal BlackTop application temps are 55-82°. For best end results, use only in moderate to dry atmospheric conditions i.e. 30%-70% humidity. Apply BlackTop to prepared surfaces by brush or spray equipment. BlackTop is self-leveling and brush marks will flow out unless adverse environmental conditions such as elevated heat & humidity exist. Under these circumstances, BlackTop can cure too quickly possibly leaving visible brush marks. To remedy, thin BlackTop about 5-10% to slow cure time & enhance its self-leveling properties. Use **KBS #1 Thinner** or Xylene only. Apply one or two covering coats (2 mils or 30um thickness) for general automotive applications. For marine or industrial applications, apply a minimum of two covering coats.

Re-coating can be done once the first or consecutive coat of BlackTop is dry-to-touch and does not leave a fingerprint and prior to 24 hours. If you go more than 24 hours, it is best to lightly scuff the previous cured coat of BlackTop with 320 grit or a green scotch-brite pad. **Full cure** for BlackTop is 48 hours and is a function of time, temperature, and film build.

NOTE ON BRUSHING: When brushing BlackTop, do not overwork the brush as this can cause the BlackTop to cure too quickly possibly leaving visible brush marks. It is best to brush an area with BlackTop and move on immediately versus brushing an area over and over again.

REMEMBER: ALWAYS APPLY THIN, COVERING COATS!

SPRAYING BLACKTOP:

Always use a NIOSH/MSHA approved air supplied respirator. Thin 5-10% as required. Use only **KBS #1 Thinner** or **Xylene**. After thinning and stirring well, strain with 100 micron filter. Use an air line dryer filter to remove any moisture from the air line.

Conventional Electrostatic:	Air Pressure: 40-60 psi	Fluid Pressure: 15-20 psi	Cap: Medium Visc. Tip: 1.0-1.6mm
Conventional Spray:	Air Pressure: 35-55 psi	Fluid Pressure: 15-20 psi	Cap: Medium Visc. Tip: 1.0-1.6mm
HVLP Spray:	Air Pressure: 25-35 psi	Fluid Pressure: 25-35 psi	Cap: Medium Visc. Tip: 1.0-1.6mm

Air Assisted Airless:	Air Pressure: 15:1 ratio pump or larger @ 80-100 psi	Atomizing Air: Adjust as needed	Cap: Medium Visc. Tip: 0.09 - 0.13"
Airless:	Pressure: 1500 psi min.	Tip: 0.09 - 0.11"	

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APPLYING SATIN SHEEN OF BLACKTOP: BlackTop is heavily pigmented. It is critically important to get all of the matting agents mixed back into suspension using a mechanical mixer attached to a drill (like the KBS Hurricane Paint Mixer) or at least a paint stir stick. Effective stirring includes repeatedly touching bottom of can & lifting to disperse any settled pigments and/or matting agents. Be sure to also apply BlackTop in THIN COATS ONLY to allow for a nice matte finish and if a more matte finish is desired, you can reduce BlackTop 20% with KBS #1 Thinner or Xylene to produce a more matte finish.

BLACKTOP AEROSOL APPLICATION:

FOR BEST END RESULTS, Apply BlackTop to prepared surfaces as described previously. ALWAYS WEAR PROTECTIVE GLOVES AND EYEWEAR when using BlackTop. Always use a NIOSH/MSHA approved air supplied respirator. For best results, spray at room temperature 60°-78°F. Use only in moderate to dry atmospheric conditions i.e. 30%-70% humidity. Shake can for at least one minute after listening for rattle or mixing ball. During application, shake intermittently for approximately 10 seconds at 1 to 2 minute intervals. Press valve all the way down. Do not extend finger beyond the valve. Hold container about 6 to 8 inches from surface to be sprayed. Do not cover with continuous spray. Move back and forth, releasing spray head after stroke. Overlap each stroke.

IMPORTANT: After use, invert can and spray for 4 seconds to clean valve.

NOTE: If spray button becomes clogged, pull off and clean with **KBS #1 Thinner**. DO NOT stick pins or wire into can opening. Replace spray button firmly with valve opening pointing away from you.

REMEMBER: ALWAYS APPLY THIN, COVERING COATS!

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CLEAN UP:

KBS #1 Thinner is ideal for clean up. BlackTop must be cleaned up before it dries. BlackTop cannot be removed by any solvent once it is cured. Always wear protective gloves to avoid skin contact and temporary staining.

Sprayable VOC's (Using KBS #1 Thinner): <250g/l

Please follow all warning and caution notices.
Refer to Safety Data Sheet.
MADE IN THE USA!



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