



# HEADLIGHT RESTORATION SEALANT

EDP # 137306

READ ALL INFORMATION CONTAINED IN THIS TECH DATA SHEET BEFORE BEGINNING RESTORATION PROCESS.

For best performance, make sure can of sealant is at a temperature of 72°F(22°C). Shake can before use. Cures with sunlight or UVA light. DO NOT APPLY IN DIRECT SUNLIGHT. Presta is NOT liable for damage caused by misuse of this product.

**Directions:**

1. Clean headlight with glass cleaner or water.
2. Tape and mask off surrounding areas to prevent damage from sanding and overspray.
3. Wet sand headlight with 600 or 800 grit sand paper. All factory OEM coating must be removed from headlight lens for proper restoration. Use of 400 or 320 grit sand paper might be required to remove unweathered factory coating. A non-uniform surface appearance is indication that all factory coating has not been removed.
4. Clean headlight with water to remove sanding residue.
5. Buff headlight using Presta Headlight Restoration Crème, #136816, to get a clear finish. Wipe headlight thoroughly with Presta Lens Drier, #138608, and a clean lint free towel to make sure it is dry. The surface of the headlight needs to be dry and dust free for proper sealant application.
6. Make sure surrounding areas are masked off. Hold can approximately 4-6" from headlight and spray a generous coat with a 50% overlap until sealant runs down lens. DO NOT APPLY IN SUNLIGHT OR EXPOSE TO DIRECT OR REFLECTED UV LIGHT.
7. IMPORTANT!! Allow 5-10 minutes for sealant to run, flatten and flash. After the sealant has stopped flowing, warming gently with a hair dryer can reduce the flash time. IF NOT ALLOWED TO PROPERLY FLASH OFF, SEALANT WILL NOT CURE PROPERLY.
8. Wipe off excess sealant from surrounding areas using Presta Lens Drier or Isopropyl Alcohol.
9. Pull vehicle into sunlight or use UVA light to cure.
10. Allow product to cure 10-20 minutes (depending on lighting conditions), or until the headlight is dry to the touch.

**1. How long does it take to cure headlights in the following conditions?**

	Time for partial cure and customer can drive vehicle (10am-2pm optimum time of day for curing)
Full Sun – No Clouds	10-20 minutes after flashing
Partly Cloudy	30-45 minutes after flashing
Overcast	Not Recommended
UVA Light	10-20 minutes after flashing

**2. Storage and recommended temperature of the Headlight Sealant**

- a. Storage
  - i. Recommended storage is at a temperature between 72°F(22°C) and 100°F(38°C).
  - ii. Keep black lid on can to protect nozzle.
- b. Application of Sealant
  - i. When applying sealant, Presta recommends that the can be at temperature of 72°F(22°C) or a few degrees warmer.
    1. If can is very cold, can of sealant can be placed in warm water (no hotter than 90°F(32°C)) or run under warm tap water to warm up. Temperature of sealant MUST be slightly warmer than 72°F(22°C) when applied.

**3. Adhesion problems**

- a. What happens if the light is not completely cleaned before spraying?
  - i. If the light is not completely dried with Presta Lens Drier, you might not get perfect adhesion.
- b. If headlight is warm, could this cause adhesion issues?
  - i. This can actually help adhesion!
- c. If headlight is cold, could this cause adhesion issues?
  - i. Yes. For best results, headlight should be at a temperature of 72°F(22°C) when spraying sealant. This can be done by turning headlights on for 3-5 minutes prior to spraying Headlight Sealant. This will also help sealant flash.
- d. What happens if factory sealant hard coat is not completely removed?
  - i. This will affect adhesion and sealant could flake off.



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## 4. Effects of moisture, high humidity and rain

Humidity	Use heat to dry cloudiness away – this can be done with use of a hair dryer on high heat setting, low blow setting or with a heat gun
Rain	Not recommended

- a. If there is moisture or high humidity, how do you recommend getting rid of the moisture so the light does not haze?
  - i. A Hair Dryer or heat gun will remove moisture and help sealant flash appropriately. Use hair dryer on highest heat level but lowest blow setting.
- b. What happens if you spray a headlight during the rain?
  - i. Do not apply or cure Headlight Sealant in rainy conditions.
- c. How long should Headlight Sealant not come into contact with water after cure?
  - i. A minimum of 8 hours of sunlight exposure.
- d. How long should you wait to wash a car after curing?
  - i. For tunnel or pressure wash, wait a minimum of 8 hours of sunlight exposure.

## 5. Curing questions

- a. How does outside temperature effect curing?
  - i. Outside temperature will not effect curing time once sealant has flashed off.
- b. How long should you wait to drive a car before headlight is partially cured?
  - i. See table in section 1.
- c. What UV light do you recommend if someone is going to purchase a light?
  - i. A UVA light is safest and recommended (80 watts). Place the light no more than 5 inches from the sealant for proper curing. Light may need to be repositioned to properly expose all headlight surfaces.
  - ii. Cure 10-20 minutes with UVA light.

## 6. Misc. questions

- a. Can Headlight Sealant be sprayed ovetop factory sealed headlight to prolong protective coating?
  - i. NO! This will not prolong the protection of your original factory sealed headlights. Factory sealant contains surface modifiers that can prevent good adhesion of the UV sealant.
- b. How long should the sealant last?
  - i. There is an 18-month expected life of the sealant when applied correctly. However, results may vary.
- c. Mobile Detailers insist on applying sealant outdoors.
  - i. When applying sealant, headlights must be kept out of the sun until the solvent flashes off. Clear skies can create enough reflected UV light to cause the sealant to start curing too soon. Asphalt or darker paving surface is best to minimize UV reflection. IF EXPOSED TO SUNLIGHT (UV) BEFORE FLASH OFF, SEALANT WILL NOT CURE PROPERLY.
  - ii. If it is windy, this can affect the smoothness of the sealant. Spray or apply Presta Lens Drier onto the headlight and before it dries, spray sealant. This will help the sealant flow properly.
- d. What type of protective equipment should I wear when I spray the sealant?
  - i. Presta recommends wearing safety glasses and gloves when spraying Headlight Sealant.
  - ii. Use only with adequate ventilation. The use of an organic filter respirator is recommended to avoid breathing vapors.