

# TECHNICAL DATA SHEET – DEFENDER®

PRODUCT: DEFENDER® Epoxy Truck Bed Liner  
TECHNICAL CALLS: 1-800-321-0672

**Epoxy Truck Bed Liner**



## DESCRIPTION:

DEFENDER® Epoxy Truck Bed Liner is durable and tough for maximum protection and the only epoxy truck bed liner with Kevlar®. This truck bed liner delivers maximum bare metal adhesion and more scratch and chip resistance than any “spray in” liner.

## PART NUMBER:

- |                                         |                        |                |               |
|-----------------------------------------|------------------------|----------------|---------------|
| • 1600-2 DEFENDER Epoxy Truck Bed Liner | 1 Gallon Sprayable Kit | 1 units / case | 12 lbs / case |
| • 1600-6 DEFENDER Epoxy Truck Bed Liner | 2 Gallon Sprayable Kit | 1 units / case | 48 lbs / case |

## PRODUCT USES:

Protect and beautify truck beds. Protective, textured coating for automotive, fleet, and light industrial use. For metal, wood, or fiberglass, the applications of DEFENDER for protection and appearance is numerous.



## SURFACE PREPARATION:

1. Prior to sanding, remove all surface contaminants by properly cleaning the truck bed with #1240-1 Wax, Grease & Silicone Remover. Do not use reducers or thinners to clean the truck bed.
2. Protect the vehicle from overspray by masking areas that will not be coated.
3. Remove all rust by grinding or sandblasting. Blow the surface to remove grinding and sandblasting debris.
4. Sand the truck bed with 40-120 grit sandpaper. Blow the surface to remove sanding dust.
5. Clean the truck bed with #1240 Wax, Grease & Silicone Remover. Allow the truck bed to thoroughly dry.



## MIXING:

IMPORTANT! MIXED PRODUCT HAS A POT LIFE OF 60 MINUTES @ 72°F. BEFORE MIXING, MAKE SURE THE VEHICLE IS PROPERLY PREPARED AS STATED ABOVE.

1. Pour 1 part #1635 Defender Activator into a clean, dry mixing container (mixing bucket supplied in kit).
2. Next, Pour 1 part #1600 Defender Resin into the same container.
3. Stir thoroughly for 2 minutes with a paint stick (supplied in kit).
4. Wait for 5 minutes before applying mixed product - #1600 Defender Epoxy Truck Bed Liner has a 5 minute induction period before application.
5. Do not mix on a paint shaker.
6. Do not reduce or thin product with solvent.



## APPLICATION - Spray On Bed Liner

1. Pour mixed product into the #142-2 Morton Premium Applicator Gun cup (it holds one quart of mixed product).
2. Set air pressure, at the gun, to 100 psi (minimum) and adjust the nozzle to the desired spray pattern (droplet size determines coverage).
3. Spray a test panel before spraying the truck bed.
4. Holding the #142-2 Morton Premium Applicator Gun approximately 18 inches from the surface:
  - a. **Apply a first medium wet coat.** Start spraying the front truck bed panel, then move to the sides and wheel wells. Next, spray the floor from front to rear. Follow the length of the bed and completely coat the floor before spraying the tailgate.
  - b. **Remove the overspray immediately.**
  - c. **Apply a second medium wet coat.** Open the spray gun nozzle approximately 1 turn from the first coat's setting. Holding the gun approximately 24" from the truck bed, spray for desired texture and uniformity. (Note: the first coat of truck bed liner will still be wet – do not touch the truck bed while applying the second coat).

**NOTE:** Storing DEFENDER in a cool area will adversely affect the mixing time and spraying capabilities. Store in a warm environment for good results.

## APPLICATION - Roll On Bed Liner

1. Pour the properly mixed Defender Truck Bed Liner into a roller tray, after allowing for a 5 minute induction period.
2. Use a Blue Foam (solvent resistant) Roller #1600-3 (not included).
3. Start rolling the front of the truck bed, using an up-and-down and side-to-side cross hatching technique to ensure coverage.
4. Once the front is covered, using the same up-and-down, side-to-side cross hatching technique, roll the side panels, including the wheel wells, then coat the floor from front to back. Roll the tailgate last.
5. If additional thickness is desired, wait 2 hours before recoating.

## CLEAN UP:

Clean spray equipment immediately after use with reducer. Keep all product containers tightly closed at all times to avoid potential contamination. Discard containers according to local, state and government regulations.

## DELIVERY:

1. Unmask the edges of the truck bed approximately 1 hour after application.
2. Allow applied truck bed liner to air dry for a minimum of eight hours prior to delivery.
3. Wait at least 72 hours (3 days) before hauling anything in the truck bed.



## TECHNICAL INFORMATION:

Mixing Ratio:

**1:1**

**1 part #1600 Resin : 1 part #1635 Activator**

**DO NOT REDUCE**

Pot Life @ 72°F 50% R.H.:

60 minutes sprayable

Air Pressure:

100 psi, minimum at the gun

(#142-2 Premium Applicator Gun)

Recommended number of coats:

2 medium wet coats per application

Approximate Coverage:

20 sq. ft. per sprayable quart @ 15-20 mils

Cleanup:

Reducer

Safety:

Refer to MSDS

Drying Times:

8 hours to flash

Delivery:

24 hours. After application, allow the Truck Bed Liner to cure for 72 hours before placing anything in the truck bed.

VOC

Less than 2.9 lbs/gal.

NOTE: These specifications are based on applications with #142-2 Premium Applicator Gun. The #140-2 Schutz-type gun may be used by removing the nozzle and increasing the pressure.

**ASSOCIATED MSDS:** "1600-Defender Black Epoxy Truck Bed Liner-Part A-999662"



## HEALTH & SAFETY:

Read all warnings, first aid and safety for all components before using. Keep out of reach of children and animals. Protect hands with impervious rubber gloves. Wear face, skin and eye protection. When sanding, we recommend the use of a respiratory covering device to protect from dust (MSA mask P/N 459029 with MSA cartridge 464029 or equivalent). When using power equipment, refer to power tool manufacturer's recommendations for safety equipment. USC products are for industrial use by trained professionals only.

**Emergency Medical or Spill Control Information:** In U.S. call CHEMTREC 1-800-424-9300  
CANUTEC 1-613-996-6666 (for Canada call collect)