



## Bulldog Adhesion Promoter System

EPC535

Abrasive Prep & Clean

GTP0 123, QTP0 123

Adhesion Promoter (liquid)

ETPO 123B

Adhesion Promoter (aerosol)



**Bulldog® Adhesion Promoter** is the premier adhesion promoter for the auto body collision repair market. Bulldog® is a single-component product that combines an adhesion promoter, flex agent, and blending aid in one. It is fast drying and provides superior adhesion on all flexible and rigid plastic parts. **Bulldog® Abrasive Prep & Clean** is an advanced emulsion, combining water and solvent technologies. It removes wax, grease and the mold release agents that can cause fisheyes. It is an excellent blend prep.

### Features:

One Component:

Makes Paint Stick:

Reduces Material Cost:

Reduces Painting Time:

No Waste:

Tintable:

Convenient Aerosol

Basecoat / Clearcoat Blender:

### Benefits:

No mixing required – Ready to spray

Promotes adhesion on most plastic surfaces, including TPO, polypropylene, and SMC

Adhesion Promoter and Flex Agent in one

Dries clear in 5 minutes

Unused product can be poured back into the can

Tint with basecoat for visible coverage

Designed for spot repair – no need for a spraygun

Improves flake orientation and color consistency

Improves melt-in and edge wetting

### Compatible Coatings:

All solvent-based urethane, epoxy, or acrylic lacquers, primers, sealers and basecoats.

### Compatible Surfaces:

All common automotive plastic substrates, as well as, glass, aluminum, fiberglass, rubber, vinyl, and painted surfaces.

Bulldog is suitable for ground effects, new flexible and rigid bumpers, as well as plastic interior and exterior parts.

(Always test in an inconspicuous area, as every surface is different.)

\* **Bulldog Adhesion Promoter TPO 123 is restricted in California under SCAQMD Rule 1151. ETPO 123B Bulldog Adhesion Promoter Aerosol is NOT affected by Rule 1151, and can be used and sold in CA.**

**NOTE:** Always apply basecoats and clearcoats according to manufacturer's instructions.



# Bulldog Adhesion Promoter System

## GTPO 123/QTPO 123

### DIRECTIONS FOR USE:

Carefully read all cautions on the MSDS before use. Protect hands with solvent-resistant gloves and eyes with chemical splash goggles. If the work area is not well ventilated you must use a properly fitted and maintained NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

1. Shake well and filter before each use to secure uniform mixture.
2. Clean all areas to be painted with Bulldog Abrasive Cleaner. Rinse thoroughly with water and allow to dry. Be sure not to apply any solvent cleaners after this point.
3. Blow and tack surface.
4. Using a spray gun, apply one even, medium-wet coat.  
NOTE: If two coats are needed, apply an even, light mist coat. Wait 3-5 minutes, and apply a second coat.
5. Wait 5 to 10 minutes before applying the next coating.



### Drying Times

- Between Coats:** 3 -5 minutes
- Dry to Next Coating:** 5-10 minutes

**Tinting:** Mix 90% Bulldog with 10% basecoat for visible color coverage.

**Flex Agent:** Ratio 1:4 Bulldog with basecoat  
Ratio 1:3 Bulldog with clearcoat

**Note:** Bulldog is effective up to 24 hours. If the sprayed part is left overnight, the basecoat can be applied with no issue. If the part is left longer than 24 hours it needs to be scuffed and tacked again. Apply 1 light coat of Bulldog before applying basecoat.

**Equipment Cleaning:** All tools and spills should be cleaned immediately with Klean-Strip® General Purpose Automotive Lacquer Thinner (CWT50), Naked Gun® Gold Gun Cleaner (CGC 111), or Naked Gun® Spray Gun Paint Remover Aerosol (ENG 11131). Care should be taken to keep lacquer thinner away from freshly finished surfaces. Clean spray gun according to manufacturer's instructions.



# Bulldog Adhesion Promoter System

## TECHNICAL DATA:

## GTPO 123/QTPO 123

Appearance:	liquid, hazy, light pink to light yellow, mobile, dries to a Class A water-white finish
Vapor Density:	Heavier than air
Percent Volatile:	82.75% by weight
Flash Point:	32°F
Flash Point of Concentrate:	N/A
CPSC Flammability Classification:	Flammable
VOC Category (Max Allowable V.O.C.)	Adhesion Promoter (National/EPA: 840 g/L CA*: 540 g/L)
Actual V.O.C.:	768 g/L 6.23 lbs/gal 84.2% by weight
MAX Vapor Pressure of the V.O.C.:	30.6mm Hg at 20C
Storage:	Store between 32°F and 95°F, in the original container.
Coverage:	up to 750 sq. ft. per gallon
Shelf Life:	2 years from date of manufacture, in an unopened container.
DOT:	UN 1866, Resin Solution, Flammable, 3, PGII
HAPS:	Toluene, Xylene, Ethyl Benzene, Styrene
Density:	7.5 lbs/gal
Boiling Range:	132° - 380°F

\* Note: Several CA air districts regulate non-aerosol automotive coatings. The CA limit listed is the most restrictive for those districts in the state.

Product	SIZE	PACK	LBS	CUBE FT	LENGTH	WIDTH	HEIGHT	UPC CODE	PALLET QTY
GTPO 123	GL	4	36	.762	13 <sup>13</sup> / <sub>16</sub>	8 <sup>13</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	0-30192-12325-6	52 cases
QTPO 123	QT	6	14	.406	10 <sup>9</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	9 <sup>5</sup> / <sub>16</sub>	0-30192-12315-7	88 cases



# Bulldog Adhesion Promoter System

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## ETPO 123B

### DIRECTIONS FOR USE:

Carefully read all cautions on the MSDS before use. Protect hands with solvent-resistant gloves and eyes with chemical splash goggles. If the work area is not well ventilated you must use a properly fitted and maintained NIOSH approved respirator for organic solvent vapors. A dust mask does not provide protection against vapors.

#### General Repair

1. Clean all areas to be painted with Bulldog Abrasive Cleaner. Rinse thoroughly with water and allow to dry. Be sure not to apply any solvent cleaners after this point.
2. Blow and tack surface.
3. Shake gently for one minute to ensure a uniform mixture.
4. Hold can in an upright position, with arrow on button pointing away from you, approximately 12 inches from the surface.
5. Spray the surface with an even, light mist coat. Wait 3 to 5 minutes and apply a second light coat, if needed.
6. Wait 5 to 10 minutes before applying the next coating.



**Spot & Panel Repair:** Bulldog can be used before epoxy, urethane or polyester fillers to promote adhesion to polypropylene and TPO bumpers. Apply primers to all metal and filler areas. Sand all areas to be painted with 320 grit or finer. Apply 2 medium coats Bulldog, allowing 3-5 minutes flash between coats. Allow 5 to 10 minutes dry time before applying basecoat.

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#### Drying Times

**Between Coats:** 3 - 5 minutes

**Dry to Next Coating:** 5 - 10 minutes

**Note:** Bulldog is effective up to 24 hours. If the sprayed part is left overnight, the basecoat can be applied with no issue. If the part is left longer than 24 hours it needs to be scuffed and tacked again. Apply 1 light coat of Bulldog before applying basecoat.

**Equipment Cleaning:** All tools and spills should be cleaned immediately with Klean-Strip® General Purpose Automotive Lacquer Thinner (CWT50), Naked Gun® Gold Gun Cleaner (CGC 111), or Naked Gun® Spray Gun Paint Remover Aerosol (ENG 11131). Care should be taken to keep lacquer thinner away from freshly finished surfaces.



# Bulldog Adhesion Promoter System

## TECHNICAL DATA:

## ETPO 123B

Appearance:	Dries to a Class A water-white finish
Vapor Density:	Heavier than air
Percent Volatile:	90.4% by weight
Flash Point:	N/A
Flash Point of Concentrate:	42°F
CPSC Flammability Classification:	Flammable
VOC Category (Max Allowable V.O.C.)	Polyolefin Adhesion Promoter (2.5 MIR)
Actual V.O.C.:	2.47 MIR
MAX Vapor Pressure of the V.O.C.:	N/A
Storage:	Replace overcap on container after each use. Contents under pressure. Do not puncture, incinerate, or store above 120°F. Exposure to heat or prolonged exposure to sun can cause bursting.
Coverage:	up to 100 sq. ft. per can, at 1 mil wet
Shelf Life:	2 years from date of manufacture, in an unopened container.
DOT:	UN1950, Aerosols, flammable, 2.1, Limited Quantity (Level 3 Aerosol)
HAPS:	Toluene, Xylene, Ethyl Benzene, Styrene
Density:	N/A
Boiling Range:	N/A

Product	SIZE	PACK	LBS	CUBE FT	LENGTH	WIDTH	HEIGHT	UPC CODE	PALLET QTY
ETPO123B	15 OZ.	12	16	.55	11 1/16	8 7/16	10 3/16	0-30192-12397-3	85 cases



## Additional Tips for Using Bulldog Adhesion Promoter

1. Use Bulldog as a mid-coat adhesion promoter, effectively “tying” multiple layers of paint together. Great for use when doing special paint effects, such as flames, two-tone paint jobs, etc. Bulldog will also improve the flop/alignment of metallic pigments in blend-out areas.
2. When using Bulldog as an added flex agent in a clear, be sure to add the Bulldog after the clear has been catalyzed. (Ratio 1:3 Bulldog to mixed clear)
3. Bulldog can be added to primer in a ratio of up to 1:3.
4. Bulldog cannot be **mixed** with waterborne paint. However, Bulldog **can** be used in a waterborne system, as long as it is applied underneath the primer. Always follow paint manufacturer’s instructions regarding application of waterborne paint systems.
5. Treat bare metal to prevent corrosion. Bare metal and body filler must be primed and dry or wet sanded with 320 grit sandpaper prior to applying Bulldog.
6. Metal primer overspray onto plastic surfaces should be removed, as it can cause paint failure. Bulldog overspray onto plastic is not an issue.
7. Bulldog can be used on interior parts, such as dashboards, kick panels, visors, etc., prior to dyeing or painting. Solvent-based dyes can be mixed with Bulldog (up to 50%) before application.
8. When applying Bulldog over fresh lacquer or uncured acrylics, or applying lacquers over Bulldog, allow extra dry time between light coats.
9. Bulldog should not be used on Lexan® or polystyrene surfaces.
10. Abrading of the substrate is essential for successful coating application. We recommend the use of Bulldog Abrasive Cleaner on plastics, but even gentle scuffing with a red or grey scuff pad will greatly increase the bite of the coating. Bare metals, OEM painted surfaces, and previous repair coats should all be abraded prior to repainting.



# Bulldog Adhesion Promoter System

## EPC535

### DIRECTIONS FOR USE:

1. Apply product using a wet gray scuff pad. Scuff entire bumper surface. Re-apply to scuff pad as needed to maintain a wet, soapy surface. While scuffing, be mindful to treat recessed areas and corners.
2. Rinse off thoroughly with clean water ensuring the surface is free of any loose particles.
3. To ensure part is ready for adhesion promoter application, mist a small area with water. If sheeting occurs, dry the surface and proceed. If water beads up, repeat cleaning as directed above.
4. Dry surface with cloth or forced air. Immediately before painting, wipe surface thoroughly with a clean tack cloth.



beading



sheeting

#### TECHNICAL DATA:

#### PABC 124

Appearance	opaque gray
Vapor Density	Heavier than air
Percent Volatile	61% by Weight
Flash Point	None
CPSC Flammability Classification	Non-Flammable, Water-Based
VOC Category	Surface Prep for Coatings Applications
Product V.O.C.	25 g/L 2.5% 0.021 lbs/gal
MAX Vapor Pressure of V.O.C.	0.04mm Hg
Storage	Protect from freezing. Store between 32°F and 120°F.
Density	9.8 lb/gal
Shelf Life	2 years from date of manufacture, in an unopened container
DOT	Buffing Compounds, N.O.I.
HAPS	None

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