

**CB** +plus™

# ADHESION PROMOTER

PROMOTOR DE ADHESIÓN



**MADE IN JAPAN**

**With UNIVERSAL SPRAY-CAN-GUN**

Fields



- Compatible With WATER And SOLVENT Base-coat Systems!  
Es compatible con pintura bicapa con base al agua y disolvente!

- Complies with SCAQMD Rule 1151  
Cumple con la (norma 1151 S.C.A.Q.M.D. en Los Estados Unidos)

- Ready to Paint in 3-10 Minutes  
Listo para pintar en 3-10 minutos

- Makes Paint Stick to PLASTIC BUMPERS  
Hace que la pintura se pegue a los parachoques de plástico



**HB6681DN** 200 liter drum NON V.O.C. COMPLIANT!

1 Pallet With 4 200 Liter, Drums Wt.: 1600 Lbs (725 kg), Dim.: 42" x 42"

**HB6681D** 200 liter drum (SCAQMD) RULE:1150 COMPLIANT!

1 Pallet With 4 200 Liter, Drums Wt.: 1600 Lbs (725 kg), Dim.: 42" x 42"

**HB6681** 1 GALL.128oz (SCAQMD) RULE:1150 COMPLIANT!

4 One Gallon Cans/Case, Wt.: 33 Lbs (15 kg), Dim.: 113 1/2" x 8 1/2" x 10 1/2"

**HB6674** 1/4 GAL.32oz (SCAQMD) RULE: 1150 COMPLIANT!

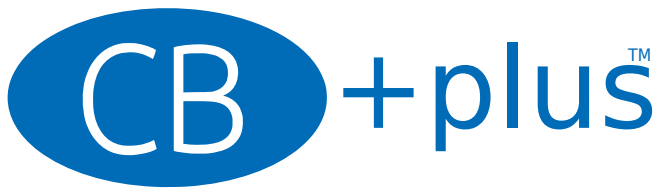
6 32 oz Quart Cans/Case, Wt.: 13 Lbs (5.8 kg), Dim.: 10 7/8" x 8 1/8" x 9 1/2"

**HB6711** 14oz AEROSOL (SCAQMD) RULE: 1150 COMPLIANT!

12 16 oz Aerosol Cans/Case, Wt.: 14 Lbs (6.4 kg), Dim.: 11.25" x 8.5" x 10"

**HB6909** UNIVERSAL SPRAY-CAN-GUN

100 pcs/Cartron 46\*35\*30cm Gross weight 6kg



# ADHESION PROMOTER

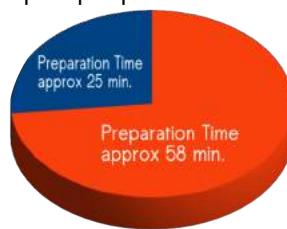
## PROMOTOR DE ADHESIÓN

### ADDITIONAL INFORMATION COMPARISON TO COMPETITION

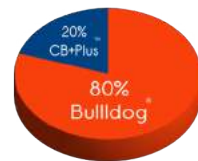
Total minutes typical raw plastic bumper preparation!

(CB+Plus™ vs. Bulldog®)

- CB+PLUS
- Leading Brand (bulldog)



Product used: CB+Plus 20%  
Bulldog® 80%



That Is 80% Product savings!

- Apply one mist coat of CB+Plus 75-80% coverage, but no more than 90% coverage
- Ready To Apply (RTS)
- Air Dry.
- Ready to paint in 10 minutes
- Easy to apply: 3 Step application!
- Compatible With WATER And SOLVENT Base-coat Systems!
- Just wash the (Bumper) or any substrate with soap and water.
- No Sanding or scuffing needed!
- let dry for 15 minutes @ (typical temperature would be 78°F (25.5°C))

Makes paint stick to raw PLASTIC BUMPERS:

- Makes Paint Stick Vehicle's Rims
- TPE Thermoplastic
- TPO, EPM, TEO Thermoplastic Olefin
- PC + PBT Xenoy (Polycarbonate blend)
- TPU, TPUR - Thermoplastic Polyurethane

What is your current distribution strategy?: Jobber, WD

Pricing distribution strategy?: Jobber, WD

Universal can be applied to:

- RAW ALUMINUM
- RAW METAL
- CHROME
- FIBER GLASS
- GLASS
- CERAMIC
- MARBLE
- WOOD

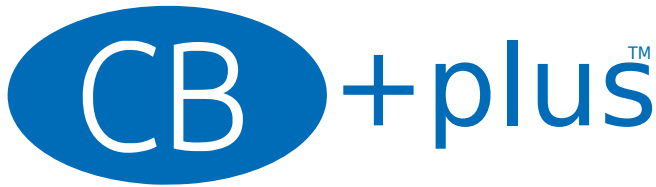
VOC Compliant:

- Low VOC (Complies with SCAQMD Rule 1151)

Technical training?: Yes

Freight prepaid : Yes

Terms of sale: 90 days



# ADHESION PROMOTER

## PROMOTOR DE ADHESIÓN

### Applicable Substrates and Adhesiveness

◎=very good ○=good △=poor

Compatibility with substrates and topcoats	Clearbond + Plus	Ordinary Products	
<b>Substrates</b>	Aluminum	◎	△
	Alumite processed materials	○	△
	Stainless steel	◎	△
	Galvalume	◎	△
	Copper	◎	△
	Steel	◎	◎
	Color corrugated galvanized iron	◎	○
	Baking finish film	◎	○
	Electro deposition coating film	◎	○
	Fluorine processed Material(*1)	○	△
	Chemical conversion coating film(*2)	○	△
	Cold dipped galvanized steel(*3)	○	△
	Hot dipped galvanized steel(*3)	○	△
	Lead	○	△
	Brass	○	△
	Chrome plated material	○	○
	Concrete-Mortar	○	○
	Polypropylene (PP)	○	△
	Polycarbonate	○	△
	Rigid vinyl chloride	○	△
	ABS + FRP	○	○
	Poly-decorative sheet	○	△
	Acrylic sheet	○	△
	Melamine decorative sheet	○	△
	Glass + Porcelain enamel	○	△
Porcelain tile	○	△	
<b>Compatibility with topcoats</b>	1-component Urethane paint (mild and strong solvent type)	◎	△
	2-component Urethane paint (mild and strong solvent type)	◎	△
	2-component Acrylic Urethane paint (mild and strong solvent type)	◎	△
	1-component epoxy paint	○	△
	2-component epoxy paint	○	△
	Acrylic lacquer paint	○	△
	Straight Acrylic paint	○	△
	Water based paint	○	△
	Acrylic Emulsion	△	△
	Melamine Baking paint (150 °C)	◎	△
	Acrylic Baking paint (180 °C)	◎	△
	Epoxy Baking paint (180 °C)	◎	△
	Powder Coating (200 °C)	◎	△
	UV paint	△	△
	Acrylic Silicone(*4)	△	△
Synthetic Paint + Phthalic acid based enamel paint	△	△	
Water-based cation paint	○	△	
<b>Baking finish</b>	150 °C	◎	△
	200 °C	◎	△
	2 Coat 1 Bake	△	△
	2 Coat 2 Bake	△	△
	Bake on both sides	△	△

### PHYSICAL AND CHEMICAL PROPERTIES

Item	Property
Appearance in Container	Clear with viscous liquid
Density	0.88
Standard Application Amount	6-10μ 60-80g/ m2
Performance	Spray, Gun, Brush
Dry to Touch	2 min 40 sec. (20 °C)
Topcoat	More than 20 min. (20 °C)
Shelf life	12 months (20 °C)

### STANDARD OPERATION

Procedure	Coating/Amount/Operation
Surface Treatment	Remove dirt (rust, oil, grease, water, dust) with solvents and sand papers.
Undercoat	Apply 60-80g/ m2 of Clearbond + Plus with spray gun.
Dry	Summer: 15-20 min. Spring and Autumn: 20-30 min. Winter: 1-2 hours
Topcoat	Apply in conformity to operation procedure of each topcoat.

### TEST DATA (WHEN APPLYING URETHANE TOPCOAT)

Item	Property	Results
Adhesion	1mm x 1mm Checkered Area Sticker Tape Tearing Test	100/100
Accelerated Weathering Resistance	Weather meter 2000 hours	OK
Outside Exposure	Exposed outside for 5 years and check second adhesion.	OK
Water Resistance	Subjected to running water from valve at 20 °C for 240 hours.	OK
Alkaline Resistance	Subjected to 2% Calcium Hydroxide solution for 48 hours.	OK

Substrate: SECC (Single Edge Contact Cartridge)

### Environment Friendly Adhesion promoter

Complies with Formaldehyde Emission Grade	
Register Number	T18008 with Japan Paint Industry Association
Contact	<a href="http://www.toryo.or.jp">http://www.toryo.or.jp</a>

Any of the data values above can be changed by climates, surface condition and work environment.

\*1 Required sanding before applying

\*2 Prohibited thick coating with lacquer paint

\*3 Paintable after forming oxide layer followed by surface treatment

\*4 Longer dry time needed when two coatings

•Please contact us before applying if you don't have any experiences of applying on the new materials.

•Generally, an ordinary adhesion promoter is applied on a few substrates and it is compatible with limited topcoats.