



CHIP GUARDS

PROTECT YOUR WORK FROM THE ROAD

- Protects lower panels from impact, chipping, and abrasion
- Duplicates a wide variety of factory textures
- Full texture spectrum from fine to coarse
- Available in aerosol and ready to spray quarts



Manufactured in the USA





STEP 1 PREP

Clean surface thoroughly with **SEM Solve** or **XXX Universal Surface Cleaner**.

Remove any loose paint and sand with 400 grit paper.

Blow off and clean again with **SEM Solve** or **XXX Universal Surface Cleaner**.



SEM Solve

A virgin solvent blend to clean panels prior to refinish or repair.

Part	Size
38371	Gallon
38373	20 oz. Aerosol
38374	Square Quart



XXX Universal Surface Cleaner

A super compliant, waterborne cleaner that removes solvent and water soluble contaminants prior to refinishing.

Part	Size
77771	Gallon
77774	Quart

STEP 2 APPLY

Refer to the **Technical Data Sheet** for detailed instructions.

Spray 2 – 3 medium wet coats. Allow 5 – 10 minutes at 70°F between coats. Close spray distance results in heavier texture while increased spray distance and light coats offer a finer texture.

Allow 2 – 4 hours to dry before topcoating the **Clear Chip Guard** and **Satin Black Chip Guard**.

Heavy Texture Chip Guard can be topcoated in 30 – 45 minutes.



Part	Size	Color
39793	20 oz. Aerosol	Opaque
39803	20. oz Aerosol	Clear
39804	Cone Quart	Clear
39813	20 oz. Aerosol	Satin Black
39814	Quart	Satin Black

NOTES

May cause lifting of some top coat refinishes. DO NOT USE over enamel or uncured finishes. Always test for compatibility prior to use.

If clogging develops, remove spray button with a twisting motion and clean with **XXX Gun Cleaner** or **XXX Universal Gun Cleaner**. Do not stick pin or other object into can. Gently replace spray button with top of can and spray button pointed away from you.



XXX Universal Gun Cleaner

A heavy-duty cleaner that removes solvent based and waterborne coatings from spray equipment and aerosol spray tips.

Part	Size
77763	20 oz. Aerosol



XXX Gun Cleaner

A heavy-duty aerosol solvent that quickly cleans spray equipment and aerosol spray tips.

Part	Size
77743	20 oz. Aerosol

SEM[®] PLASTIC REFINISHING

STANDARD OPERATING PROCEDURE

1 PREP & PRIME



① If damage is present, refer to **Plastic Repair Standard Operating Procedure** first.

Clean with **Scuff & Clean** and a damp, gray scuff pad. Rinse with water and dry with clean, lint-free cloth. Clean with **SEM Solve, Plastic & Leather Prep** or **XXX Universal Surface Cleaner**. Wipe clean in one direction with clean, lint-free cloth. Prime as per instructions.

2 GUIDE COAT & SAND



Apply **Guide Coat Black** or **Premium Powder Guide Coat** to dried primer. Sand with P320 – P400 grit. Finish sanding with P600 grit.

3 ADD TEXTURE IF NEEDED



Apply **Texture Coating** or **Chip Guard** as per instructions.

4 PAINT



Apply **Bumper Coater™**, **Factory Pack™** or other automotive paint per instructions.

PRODUCT LIST



GUIDE COAT

Part	Product	Size
38203	Guide Coat Black	16 oz. Aerosol
38253	Premium Powder Guide Coat	16 oz. Aerosol



TEXTURE

Part	Product	Size
39853	Texture Coating	20 oz. Aerosol
39854	Texture Coating	Quart
39793	Heavy Texture Chip Guard	20 oz. Aerosol
39803	Clear Chip Guard	20 oz. Aerosol
39804	Clear Chip Guard	Cone Top Quart
39813	Satin Black Chip Guard	20 oz. Aerosol
39814	Satin Black Chip Guard	Quart



PAINT

Part	Product	Size
39101	Bumper Coater - Black	Gallon
39104	Bumper Coater - Black	Quart
39101-LV	Low VOC Bumper Coater Black	Gallon
39104-LV	Low VOC Bumper Coater Black	Quart
	Bumper Coater - 17 Colors	16 oz. Aerosol
	Factory Pack - 40 Colors	16 oz. Aerosol

See back side for available **Bumper Coater** and **Factory Pack** aerosol colors.

PREP

Part	Color	Size
38391	Scuff & Clean	Gallon Pump
38398	Scuff & Clean	16 oz. Tube
38371	SEM Solve	Gallon
38373	SEM Solve	20 oz. Aerosol
38374	SEM Solve	Square Quart
38351	Plastic & Leather Prep	Gallon
38353	Plastic & Leather Prep	16 oz. Aerosol
38354	Plastic & Leather Prep	Cone Top Quart
77771	XXX Universal Surface Cleaner	Gallon
77774	XXX Universal Surface Cleaner	Quart



HIGH-BUILD PRIMER AEROSOLS

Part	Color	Size
42003	Black	20 oz. Aerosol
42013	Gray	20 oz. Aerosol
42023	Beige	20 oz. Aerosol
42033	Rose	20 oz. Aerosol
42043	White	20 oz. Aerosol

See back side for complete list of Primers.



PLASTIC REFINISHING

STANDARD OPERATING PROCEDURE | PRODUCT LIST CONTINUED

PRODUCT LIST



FLEXIBLE PRIMER SURFACER

Part	Size
39131	Gallon
39133	16 oz. Aerosol
39134	Quart



WATERBORNE FLEXIBLE PRIMER SURFACER

Part	Size
39221	Gallon



HIGH-BUILD PRIMER SURFACER

Part	Color	Size
42003	Black	20 oz. Aerosol
42013	Gray	20 oz. Aerosol
42023	Beige	20 oz. Aerosol
42033	Rose	20 oz. Aerosol
42043	White	20 oz. Aerosol



WORLD CLASS™ WATERBORNE FLEXIBLE PRIMER

Part	Size
50184	Quart



WORLD CLASS™ 4.2 VOC HS URETHANE PRIMER

Part	Product	Size
50151	HS Urethane Primer	Gallon
50154	HS Urethane Primer	Quart
50444	4.2 VOC Air Dry Activator	Cone Top Quart
50446	4.2 VOC Air Dry Activator	Half Pint
50454	4.2 VOC Fast Activator	Cone Top Quart
50456	4.2 VOC Fast Activator	Half Pint
50464	4.2 VOC Medium Activator	Cone Top Quart
50466	4.2 VOC Medium Activator	Half Pint
50474	4.2 VOC Slow Activator	Cone Top Quart
50476	4.2 VOC Slow Activator	Half Pint



BUMPER COATER™ AEROSOLS

Part	Color
39023	Med. Driftwood Metallic
39073	Gloss Silver
39083	Gloss Black
39103	Flexible Black
39153	Charcoal
39163	Med. Smoke
39173	Dk. Smoke
39183	Med. Gray
39193	Dk. Gray
39253	Med. Titanium Metallic
39263	Dk. Titanium Metallic
39273	Charcoal Metallic
39283	Lt. Titanium Metallic
39293	Honda Black
39413	Med. Platinum Metallic
39423	Med. Quartz Metallic
39583	Lt. Charcoal



FACTORY PACK™

Part	Color
19013	Ford TS Silver Frost
19023	Ford YZ White
19033	Ford CX Dk Shadow Grey
19043	Ford G2 Redfire Pearl
19053	Ford FL Torreador Red Metallic
19063	Ford G3 Pueblo Gold
19073	Ford E4 Vermillion
19083	Ford DX Dk Blue Pearl
19093	Ford YN Silver Metallic
19103	Ford UA Black
19133	Honda B537M Atomic Blue
19143	Honda B92P Black Pearl
19163	Honda NH700M Alabaster Silver
19173	Honda YR538M Desert Mist Metallic
19183	Honda B536P Royal Blue Pearl
19193	Honda NH737M Polished Gray Metallic
19203	Honda R81 Milano Red
19213	Honda R525P Tango Red
19223	Honda NH578 Taffeta White
19233	Honda YR573M Mocha Metallic
19253	Toyota 1C0 Millenium Silver
19263	Toyota 1C8 Lunar Mist Metallic
19273	Toyota 1E3 Phantom Gray
19283	Toyota 040 Super White
19293	Toyota 202 Black
19303	Toyota 1D4 Titanium
19313	Toyota 4Q2 Desert Sand Pearl
19323	Toyota 056 Natural White
19353	Toyota 3R3 Red Pearl
19363	Toyota 1G3 Magnetic Gray Pearl
19373	GM WA8554 White
19393	GM WA9260 Victory Red
19403	GM WA8624 Olympic White
19423	GM WA8555 Black
19433	GM WA994L Lt Tarnished Silver
19443	GM WA519F Galaxy Silver Metallic
19453	GM WA929L Cashmere
19463	GM WA722J Dk Blue Metallic
19473	GM WA382E Pewter Metallic
19483	GM WA316N Gold Mist Metallic