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Material Requirements for Warranty and Goodwill Paint Repairs

WARRANTY REFINISH GUIDELINES

This publication lists the paint lines and refinish products, as reported by American Honda-approved paint manufacturers, that meet paint specifications for Honda automobiles.

When doing warranty or goodwill paint repairs, only the listed products and support materials (e.g. primers, reducers, etc.) may be used. A copy of the body shop's repair order listing the paint manufacturer and products used must be retained with the warranty repair order hard copy as documentation of meeting this requirement. These requirements apply to the US market only.

The entire refinish system (primers/surfacers, sealers, basecoats and clearcoats, etc.) of an approved manufacturer must be used for each warranty or goodwill paint repair.

- To meet American Honda specifications, a hardener or activator must be added to the basecoat. Use the correct hardener or activator for the basecoat as specified by the paint manufacturer.
- Mixing products from different manufacturers and/or generic substitutes are not allowed.
- Use of unapproved materials and/or failure to retain proper documentation may result in warranty repair chargebacks.

The product information contained in this bulletin is based on the latest data available at the time of publication. American Honda reserves the right to make product or publication changes at any time, without notice.

APPROVED PAINT MANUFACTURERS

Products from the manufacturers below are approved for warranty paint repairs on Honda automobiles:

- BASF
- PPG
- AkzoNobel Coatings, Inc.
- Axalta Coating Systems
- Sherwin-Williams

PAINT SYSTEM EMISSIONS CATEGORIES

To address environmental concerns, rules for refinish products in the United States were established to limit the amount of volatile organic compounds (VOCs) released into the atmosphere during the refinishing process. For the US market, two regulation categories are recognized:

US National Rule: The US Environmental Protection Agency (EPA) adopted the National Rule for Automotive Refinish Coatings in 1998. This rule regulates VOC emissions in the US except in areas where it is superseded by more stringent rules established by a state or local air district, such as SCAQMD Rule 1151 (below).

Low VOC/US SCAQMD Rule 1151: The South Coast Air Quality Management District (SCAQMD) is the California air pollution control agency for all of Orange County and the urban portions of Los Angeles, Riverside and San Bernardino counties. The latest version of Rule 1151 includes the lowest VOC limits in the world. Other California air districts, including the Bay Area and San Diego, plus states such as Maryland and Delaware, have rules with similar VOC limits as Rule 1151.

Always consult local environmental protection authorities to determine which VOC rules apply in your area.

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

BASF REFINISH PRODUCTS

Glasurit® Products For Rigid Substrates (Steel and Aluminum)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
923-140 No-Bake Rapid Repair Clear	923-200 Ultra Low VOC Clear
923-255 HS Multi Clear	923-210 Ultra Low VOC Clear
923-450 Multi-Temp Baking Clear	923-209 Low VOC Klarlack
923-460 Multi-Purpose Gloss Clear	923-220 Low VOC Multi-Purpose Gloss Clear
923-550 High Performance Clear	923-240 Low VOC No-Bake Rapid Repair Clear
Basecoat	
*Line 90 Basecoat	*Line 90 Basecoat
*Line 55 Basecoat	
Primer Sealer/Surfacer	
285-50 HS Primer Filler	151-70 UV Light Activated Primer-Filler
151-70 UV Light Activated Primer-Filler	285-02 Low VOC Transparent Sealer
285-02 Low VOC Transparent Sealer	285-10 / 20 Low VOC Black & White DTM Primer Filler
285-10 / 20 Low VOC Black & White DTM Primer Filler	285-18 / 29 Low VOC Sealers White & Black
285-270 Primer – Filler Pro gray	285-21 2.1 VOC Primer
285-38 / 49 HS Non-Sanding Sealer White & Black	
285-50 HS Primer Filler	
285-60 Universal HS Primer	
Anti-Corrosion Primer	
283-155 Etching Primer	283-155 Etching Primer
801-72 Chromate-Free Epoxy Primer	801-73 Low VOC Epoxy Primer

Glasurit Products For Flexible Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
923-109 HS UV Klarlack Clear w/Flexibilizing	923-200 Ultra Low VOC Clear w/Flexibilizing Agent
923-140 Rapid Repair Clear w/Flexibilizing Agent	923-220 Low VOC Multi-Purpose Gloss Clear w/Flexibilizing Agent
923-255 HS Multi Clear w/Flexibilizing Agent	923-240 Low VOC Rapid Repair Clear w/Flexibilizing Agent
923-460 Multi-Purpose Glamour Clear w/Flexibilizing Agent	
923-109 HS UV Klarlack Clear w/Flexibilizing	923-200 Ultra Low VOC Clear w/Flexibilizing Agent
Basecoat	
*Line 90 Basecoat	*Line 90 Basecoat
*Line 55 Basecoat	

Primer Sealer/Surfacer	
285-10 / 20 Low VOC Black & White Primer Filler w/Flexibilizing Agent	285-10 / 20 Low VOC Black & White Primer Filler w/Flexibilizing Agent
285-50 HS Primer Filler w/Flexibilizing agent	285-21 2.1 VOC Primer w/Flexibilizing Agent
285-60 Universal HS Primer w/Flexibilizing Agent	
Adhesion Promoter	
934-30 1K Plastic Adhesion Promoter	934-40 Low VOC 1K Adhesion Promoter
934-70 One Step Plastic Ad-Pro	934-70 One Step Plastic Ad-Pro

** To meet Honda specifications, a hardener or activator must be added to the basecoat*

BASF REFINISH PRODUCTS (CONT.)

R-M® Products For Rigid Substrates (Steel and Aluminum)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
DC01NB Energy Saving Speed Clear	DC98 Low VOC (2.0) Clear
DC5100 CTR Clear	923-210 Ultra Low VOC Clear
DC5300 CTR Baking Clear	DC21NB Low VOC Energy Saving Speed Clear
DC5335 Glamour Clear	DC5995 2.0 Glamour Clear
Basecoat	
*Onyx HD	*Onyx HD
*Diamont	
Primer Sealer/Surfacer	
DP20 2K Urethane Primer	DP200 Exempt Low VOC 2K Primer
DP21 2K Color-it Primer	DP236 / 237 Low VOC DTM White & Grey Primer
DP22 2K Productive Primer	DP321 Low VOC Tintable Sealer
DP236 / 237 Low VOC DTM White & Grey Primer	DP322 / 323 Low VOC White / Dark Gray Sealer
DS30 Clear 2K Sealer	DS40 Low VOC Transparent Sealer
DS40 Low VOC Transparent Sealer	VP126 Flash Fill UV Primer
VP126 Flash Fill UV primer	
Anti-Corrosion Primer	
DE17 Chromate Free Etch Primer	DE17 Chromate Free Etch Primer
EP569/ 669/ 769/ 869 Chromate Free Epoxy Primer, Grey / White / Black / Red	DE17 Chromate Free Etch Primer
	EP369 Grey Epoxy Primer Low VOC

R-M Products For Flexible Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
DC01NB Speed Clear w/Flexibilizing Agent	DC98 Low VOC Clear w/Flexibilizing Agent
DC5300 CTR Baking Clear w/Flexibilizing Agent	DC21NB Low VOC Speed Clear w/Flexibilizing Agent
DC5335 Glamour Clear w/Flexibilizing Agent	DC21NB Low VOC Speed Clear w/Flexibilizing Agent
923-255 HS Multi Clear w/Flexibilizing Agent	DC5995 2.0 Glamour Clear w/Flexibilizing Agent
923-460 Multi-Purpose Glamour Clear w/Flexibilizing	DC98 Low VOC Clear w/Flexibilizing Agent
Basecoat	
*Onyx HD	*Onyx HD
*Diamont	
Primer Sealer/Surfacer	
DP20 2K Urethane Primer w/Flexibilizing Agent	DP200 Exempt Low VOC 2K Primer w/Flexibilizing Agent

DP236 / 237 Low VOC DTM White & Grey Primer w/Flexibilizing Agent	DP236 / 237 Low VOC DTM White & Grey Primer w/Flexibilizing Agent
DP21 2K Color-it Primer w/Flexibilizing Agent	
DP31 Power Fill 2K Sealer Grey w/Flexibilizing	
Adhesion Promoter	
868 1K Plastic primer	869 1K Ad Pro

* To meet Honda specifications, a hardener or activator must be added to the basecoat

PPG REFINISH PRODUCTS

Nexa Autocolor® Products For Rigid Substrates (Solventborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
P190-6100 Fast HS Clearcoat	N/A
P190-6330 HS Clearcoat	
P190-6730 HS Plus Clearcoat	
P190-6800 HS Express Clearcoat	
Basecoat	
**P422-line 2K Basecoat Color	N/A
Primer Sealer/Surfacer	
P565-301x Fast Wet-on-Wet Sealer	N/A
P565-312x Fast Wet-on-Wet Sealer	
P565-510/511 HS Primer Surfacer	
Anti-Corrosion Primer	
P565-9880 5.5 VOC Etch Primer	N/A

** P210-796/798 hardener must be added to the P422-line 2K Basecoat Color to meet Honda specifications

Nexa Autocolor Products For Rigid Substrates (Waterborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
P190-6730 HS Plus Clearcoat	P190-6730 HS Plus Clearcoat
P190-6690 2K HS Plus Clearcoat	P190-6759 Express Clearcoat – LV
P190-6790 High Solids Clearcoat – LV	P190-6790 High Solids Clearcoat – LV
P190-6659 2K HS Plus Express Clearcoat	P190-6800 HS Express Clearcoat
P190-6759 Express Clearcoat – LV	
P190-6800 HS Express Clearcoat	
Basecoat	
** P989-line Aquabase Plus Basecoat	** P989-line Aquabase Plus Basecoat
Primer Sealer/Surfacer	
P565-312x HS + Wet-on-Wet Sealer	P565-314x HS Plus Wet-On-Wet Sealer LV
P565-314x HS Plus Wet-On-Wet Sealer LV	
P565-540x HS Plus Primer Surfacer	P565-540x HS Plus Primer Surfacer
Anti-Corrosion Primer	
P565-9880 5.5 VOC Etch Primer	P565-9880 5.5 VOC Etch Primer

** P210-9120 basecoat activator & P935-1250 adjuster must be added to the Aquabase Plus Basecoat to meet Honda specifications

PPG REFINISH PRODUCTS (CONT.)

Nexa Autocolor® Products For Flexible Substrates (Solyentborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
P190-6100 Fast HS Clearcoat (Flexibilized)	N/A
P190-6330 HS Clearcoat (Flexibilized)	
P190-6730 HS Plus Clearcoat (Flexibilized)	
P190-6800 HS Express Clearcoat (Flexibilized)	
Basecoat	
**P422-line 2K Basecoat Color	N/A
Primer Sealer/Surfacer	
P565-301x Fast Wet-on-Wet Sealer	N/A
P565-312x Fast Wet-on-Wet Sealer	
P565-510/511 HS Primer Surfacer (Flexibilized)	
Adhesion Promoter	
SU4901/SU4902/SU4903/SUA4903 One Choice Plastic Prep System	N/A
P572-2001 1K Adhesion Primer for Plastic	

***P210-796/798 hardener must be added to the P422-line 2K Basecoat Color to meet Honda specifications*

Nexa Autocolor Products For Flexible Substrates (Waterborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
P190-6730 HS Plus Clearcoat (Flexibilized)	P190-6730 HS Plus Clearcoat (Flexibilized)
P190-6690 2K HS Plus Clearcoat (Flexibilized)	P190-6759 Express Clearcoat – LV (Flexibilized)
P190-6790 High Solids Clearcoat – LV	P190-6790 High Solids Clearcoat – LV (Flexibilized)
P190-6659 2K HS Plus Express Clearcoat (Flexibilized)	P190-6800 HS Express Clearcoat (Flexibilized)
P190-6759 Express Clearcoat – LV	
P190-6800 HS Express Clearcoat (Flexibilized)	
Basecoat	
** P989-line Aquabase Plus Basecoat	** P989-line Aquabase Plus Basecoat
Primer Sealer/Surfacer	
P565-312x HS + Wet-on-Wet Sealer	P565-314x HS Plus Wet-On-Wet Sealer LV (Flexibilized)
P565-314x HS Plus Wet-On-Wet Sealer LV (Flexibilized)	
P565-540x HS Plus Primer Surfacer (Flexibilized)	P565-540x HS Plus Primer Surfacer (Flexibilized)
Adhesion Promoter	
SU4901/SU4902/SU4903/SUA4903 One Choice Plastic Prep System	SU4901/SU4902/SU4903/SUA4903 One Choice Plastic Prep System
P572-2001 1K Adhesion Primer for Plastic	

*** P210-9120 basecoat activator & P935-1250 adjuster must be added to the Aquabase Plus Basecoat to meet Honda specifications*

PPG REFINISH PRODUCTS (CONT.)

PPG Deltron® Products For Rigid Substrates (Solventborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
DCU2042 Low VOC Speed Clear	
DC2000 Ultra Velocity Clearcoat	
DC3000 High Velocity Clearcoat	
DC4000 Velocity Premium Clearcoat	
Basecoat	
DBU Deltron Basecoat	
** DBC Deltron 2000 Basecoat	
Primer Sealer/Surfacer	
DAS302x V-Seal Acrylic Urethane Sealer	
SX1056 Flexible 2K Sealer	
DPS305x V-Prime Acrylic Urethane Surfacer	
SX1057 Flexible 2K Primer Surfacer	
NCP270 Corrosion Resistant Primer	
Anti-Corrosion Primer	
DPX171 Non-Chrome Self- Etching Primer	
DX1791 Wash Primer	
DPLF Non-Sanding Epoxy Primer	
SX1071 Etch Primer	

*** DX57 basecoat crosslinker must be added to the DBC Basecoat to meet Honda specifications*

PPG Deltron® Products For Rigid Substrates (Waterborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
DC4000 Velocity Premium Clearcoat	DC4010 Velocity Premium Clearcoat LV
DC2000 Ultra Velocity Clearcoat	DCU2010 2.1 Speed Clear
EC700 One-Visit Production Clearcoat	EC700 One-Visit Production Clearcoat
EC750 One-Visit Appearance Clearcoat	EC750 One-Visit Appearance Clearcoat
EC800 Ultra Fast 2.1 Clearcoat	EC800 Ultra Fast 2.1 Clearcoat
Basecoat	
** Envirobase High Performance Basecoat	** Envirobase High Performance Basecoat
Primer Sealer/Surfacer	
ECS2x A-Chromatic Sealer	ECS2x A-Chromatic LV Sealer
SX1056 Flexible 2K Primer Surfacer	
DPS305x V-Prime Acrylic Urethane Surfacer	DPLV305x V-Prime LV Acrylic Urethane Surfacer
ECP1x A-Chromatic Surfacer	ECP1x A-Chromatic Surfacer
NCP270 Corrosion Resistant Primer	
Anti-Corrosion Primer	
DPX171 Non-Chrome Self-Etching Primer	SX1071 Etch Primer
DX1791 Wash Primer	
DPLF Non-Sanding Epoxy Primer	
SX1071 Etch Primer	

*** T581 activator & T492 basecoat adjuster must be added to Envirobase High Perf. Basecoat to meet Honda specifications*

PPG REFINISH PRODUCTS (CONT.)

PPG Deltron® Products For Flexible Substrates (Solventborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
DCU2042 Low VOC Speed Clear (Flexibilized)	
DC2000 Ultra Velocity Clearcoat (Flexibilized)	
DC3000 High Velocity Clearcoat (Flexibilized)	
DC4000 Velocity Premium Clearcoat	
DCU2060 Flexed "n" Flat Clear	
Basecoat	
DBU Deltron Basecoat	
** DBC Deltron 2000 Basecoat	
Primer Sealer/Surfacer	
DAS302x V-Seal Acrylic Urethane Sealer	
SX1056 Flexible 2K Sealer	
DPS305x V-Prime Acrylic Urethane Surfacers (Flexibilized)	
SX1057 2K Flexible Primer Surfacers	
Adhesion Promoter	
SU4901/SU4902/SU4903/SUA4903 One Choice Plastic Prep System	
DPX801 Plastic Adhesion Promoter	

*** DX57 basecoat crosslinker must be added to the DBC Basecoat to meet Honda specifications*

PPG Deltron® Products For Flexible Substrates (Waterborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
DC4000 Velocity Premium Clearcoat	DC4010 Velocity Premium Clearcoat LV (Flexibilized)
DC2000 Ultra Velocity Clearcoat (Flexibilized)	DCU2010 2.1 Speed Clear (Flexibilized)
DCU2060 Flexed "n" Flat Clear	EC700 One-Visit Production Clearcoat (Flexibilized)
EC700 One-Visit Production Clearcoat	EC750 One-Visit Appearance Clearcoat (Flexibilized)
EC750 One-Visit Appearance Clearcoat	EC800 Ultra Fast 2.1 Clearcoat
EC800 Ultra Fast 2.1 Clearcoat	
Basecoat	
** Envirobase High Performance Basecoat	** Envirobase High Performance Basecoat
Primer Sealer/Surfacer	
SX1056 Flexible 2K Primer Sealer	ECS2x A-Chromatic LV Sealer (Flexibilized)
ECS6x A-Chromatic Sealer (Flexibilized)	DPLV305x V-Prime LV Acrylic Urethane Surfacers
DPS305x V-Prime Acrylic Urethane Surfacers (Flexibilized)	ECP1x A-Chromatic Surfacers (Flexibilized)
SX1057 Flexible 2K Primer Surfacers	
ECP1x A-Chromatic Surfacers	
Adhesion Promoter	
SU4901/SU4902/SU4903/SUA4903 One Choice Plastic Prep System	SU4901/SU4902/SU4903/SUA4903 One Choice Plastic Prep System
DPX801 Plastic Adhesion Promoter	

*** T581 activator & T492 basecoat adjuster must be added to Envirobase High Perf. Basecoat to meet Honda specifications*

PPG REFINISH PRODUCTS (CONT.)

Global Refinish System™ For Rigid Substrates (Solventborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
D8152 Performance + Glamour Clearcoat	
D893 Low VOC Clearcoat	
D8115 Matt Clearcoat	
D8117 Semi-Gloss Clearcoat	
D8150 Performance Clearcoat	
Basecoat	
** BC Global Basecoat Color	
Primer Sealer/Surfacer	
D808x 2K Chromatic Sealer	
SX1056 Flexible 2K Sealer	
D800X 2K A-Chromatic Primer Surfacer	
SX1057 Flexible 2K Primer Surfacer	
D822 Corrosion Resistant Primer	
Anti-Corrosion Primer	
D831 Chrome-Free Wash Primer	
SX1071 Etch Primer	

*** D888 basecoat crosslinker must be added to the BC Basecoat to meet Honda specifications*

Global Refinish System™ For Rigid Substrates (Waterborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
D8152 Performance + Glamour Clearcoat	D8188 Glamour LV Clearcoat
D8115 Matt Clearcoat	EC700 One-Visit Production Clearcoat
D8117 Semi-gloss Clearcoat	EC750 One-Visit Appearance Clearcoat
D8102 Pre-Flexed Matte Clearcoat	EC800 Ultra Fast 2.1 Clearcoat
EC700 One-Visit Production Clearcoat	
EC750 One-Visit Appearance Clearcoat	
EC800 Ultra Fast 2.1 Clearcoat	
Basecoat	
** Envirobase High Performance Basecoat	** Envirobase High Performance Basecoat
Primer Sealer/Surfacer	
ECS2x A-Chromatic LV Sealer	ECS2x A-Chromatic LV Sealer
ECS6x A-Chromatic Sealer	
SX1056 Flexible 2K Sealer	
ECP1x A-Chromatic Surfacer	ECP1x A-Chromatic Surfacer
SX1057 Flexible 2K Primer Surfacer	
D822 Corrosion Resistant Primer	D822 Corrosion Resistant Primer
Anti-Corrosion Primer	
D831 Chrome-Free Wash Primer	D831 Chrome-Free Wash Primer
SX1071 Etch Primer	

*** T581 activator & T492 basecoat adjuster must be added to Envirobase High Perf. Basecoat to meet Honda specifications*

PPG REFINISH PRODUCTS (CONT.)

Global Refinish System™ For Flexible Substrates (Solventborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
D8152 Performance + Glamour Clearcoat (Flexibilized)	
D893 Low VOC Performance Clearcoat	
D8115 Matt Clearcoat	
D8117 Semi-Gloss Clearcoat	
D8150 Performance Clearcoat (Flexibilized)	
D8102 Pre-Flexed Matte Clearcoat	
Basecoat	
** BC Global Basecoat Color	
Primer Sealer/Surfacer	
D808x 2K Chromatic Sealer (Flexibilized)	
SX1056 Flexible 2K Sealer	
D800X A-Chromatic Primer Surfacer	
SX1057 2K Flexible Primer Surfacer	
Adhesion Promoter	
SU4901/SU4902/SU4903/SUA4903 One Choice Plastic Prep System	
D820 Plastic Adhesion Promoter	

*** D888 basecoat crosslinker must be added to the BC Basecoat to meet Honda specifications*

Global Refinish System™ For Flexible Substrates (Waterborne Basecoat)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
D8115 Matt Clearcoat	D8188 Glamour LV Clearcoat (Flexibilized)
D8117 Semi-gloss Clearcoat	EC700 One-Visit Production Clearcoat (Flexibilized)
D8102 Pre-Flexed Matte Clearcoat	EC750 One-Visit Appearance Clearcoat (Flexibilized)
EC700 One-Visit Production Clearcoat	EC800 Ultra Fast 2.1 Clearcoat
EC750 One-Visit Appearance Clearcoat	
EC800 Ultra Fast 2.1 Clearcoat	
D8152 Performance+ Glamour Clearcoat (Flexibilized)	
Basecoat	
** Envirobase High Performance Basecoat	** Envirobase High Performance Basecoat
Primer Sealer/Surfacer	
D808x 2K Chromatic Sealer LV (Flexibilized)	ECS2x A-Chromatic LV Sealer (Flexibilized)
SX1056 Flexible 2K Sealer	
ECS6x A-Chromatic Sealer (Flexibilized)	
SX1057 2K Flexible Primer Surfacer	
ECP1x A-Chromatic Surfacer (Flexibilized)	ECP1x A-Chromatic Surfacer (Flexibilized)
Adhesion Promoter	
SU4901/SU4902/SU4903/SUA4903 One Choice Plastic Prep System	SU4901/SU4902/SU4903/SUA4903 One Choice Plastic Prep System
D820 Plastic Adhesion Promoter	

*** T581 activator & T492 basecoat adjuster must be added to Envirobase High Perf. Basecoat to meet Honda specifications*

AKZO-NOBEL REFINISH PRODUCTS

Sikkens Products For Rigid Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Autoclear PC	Autoclear Superior 250 2-Pack
Basecoat	
*Autobase Plus	*Autowave
Primer Sealer/Surfacer	
Colorbuild Plus	Colorbuild Plus 250
Anti-Corrosion Primer	
AutoPrep Pretreatment Wipes	AutoPrep Pretreatment Wipes

Sikkens Products For Flexible Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Autoclear PC	Autoclear Superior 250 2-Pack
Basecoat	
*Autobase Plus	*Autowave
Primer Sealer/Surfacer	
Colorbuild Plus	Colorbuild Plus 250
Adhesion Promoter	
Primer PO	Primer PO LV

Lesonal Products For Rigid Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Universal Clear	Universal EcoClear LV
Basecoat	
*Basecoat SB	*Basecoat WB
Primer Sealer/Surfacer	
HS Surfacer	HS Surfacer LV
Anti-Corrosion Primer	
AutoPrep Pretreatment Wipes	AutoPrep Pretreatment Wipes

Lesonal Products For Flexible Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Universal Clear	Universal EcoClear LV
Basecoat	
*Basecoat SB	*Basecoat WB
Primer Sealer/Surfacer	
HS Surfacer	HS Surfacer LV
Adhesion Promoter	
All Plastic Primer	All Plastic Primer

** To meet Honda specifications, a hardener or activator must be added to the basecoat*

AXAL TA REFINISH PRODUCTS

Cromax® Products For Rigid Substrates (Steel and Aluminum)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
ChromaClear® G2-4700S™ Ultra Productive Air Dry Clearcoat	Cromax® LE LE5100S™ Multi-Panel
ChromaClear® G2-4500S™ Ultra Productive Baking Clearcoat	Cromax® LE LE5100S™ Multi-Panel
ChromaPremier® 72200S™ Productive Clearcoat	Cromax® Premier LE LE8700S™ Premium
ChromaPremier® 72500S™ Premium	Clearcoat with 2363S™ Matting Agent
ChromaBase® "4 to 1" G2- 7779S™ Panel and Overall	
ChromaPremier® 74500S™	
Basecoat	
* ChromaPremier® Basecoat	** Cromax® Pro Basecoat Color "CP" Suffix
* ChromaBase® Basecoat	
** Cromax® Pro Basecoat Color "CP" Suffix	
Primer Sealer/Surfacer	
424X0S™ ChromaPremier® Sealer	LE340XS™ Cromax® Premier LE Primer
77X0S™ ChromaBase® "4 to 1" Urethane Sealer	LE34X0S™ Cromax® Premier LE Sealer
770XS™ ChromaBase® "4 to 1" Urethane Primer	V-2940S™ Cromax® Low VOC Epoxy DTM Primer/Sealer
25X0S™ Cromax® Epoxy DTM Primer/Sealer	
444X0S™ ChromaPremier® Pro Sealer	
Anti-Corrosion Primer	
# 615S™ Variprime® Self-Etching Primer	#22880S™ ChromaPremier® Low VOC Etch Primer

Can be applied directly to Aluminum

* To meet Honda specifications, ChromaSystem activator must be added to the Basecoat

** To meet Honda specifications, Cromax® Pro activator 2075S™ must be added to the Basecoat

*** Does not meet 420 g/l for VOC

AXAL TA REFINISH PRODUCTS (CONT.)

Cromax® Products For Flexible Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
ChromaClear® G2-4700S™ plus V-2350S™ Flexible additive	Cromax® LE LE5100S™ plus V-2350S™ Flex Additive
ChromaClear® G2-4500S™ plus V-2350S™ Flexible Additive	Cromax® Premier LE LE8300S™ plus V-2350S™ Flex Additive
ChromaPremier® 72200S™ plus V-2350S™ Flexible Additive	Cromax® Premier LE LE8700S™ plus V-2350S™ Flex Additive
ChromaPremier® 72500S™ plus V-2350S™ Flexible Additive	Clearcoat with 2363S™ Matting Agent
ChromaBase® "4 to 1" G2-7779S™ clearcoat plus V-2350S™	
ChromaPremier® 74500S™ plus V-2350S™ Flexible Additive	
Clearcoat with 2363S™ Matting Agent	
Basecoat	
* ChromaPremier® Basecoat	** Cromax® Pro Basecoat Color "CP" Suffix
* ChromaBase® Basecoat	
** Cromax® Pro Basecoat Color "CP" Suffix	
Primer Sealer/Surfacer	
• 77X0S™ ChromaBase® "4 to 1" Urethane Primer Sealer plus 2350S™ Flexible	LE30X0S™ Cromax® LE Sealer™
444X0S™ ChromaPremier® Pro Sealer plus 2350S™ Flexible Additive	LE34X0S™ Cromax® Premier LE Sealer plus V-2350S™ Flexible Additive
	LE34X0S™ Cromax® Premier LE Sealer plus V-234XS™ Plastic Adhesion Promoter
	LE340XS™ Cromax® Premier LE Primer plus V-2350S™ Flexible Additive
Adhesion Promoter	
2330S™ Plas-Stick® Adhesion Promoter	2332S™ Plas-Stick® Adhesion Promoter

Cromax® Products For Magnesium Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
ChromaBase® “4 to 1” G2-7779S™ Panel and Overall	Cromax® LE LE5100S™ Multi-Panel Clearcoat
National Rule Clear with 2363S™ Matting Agent	Cromax® Premier LE LE8300S™ Productive Clearcoat
	CARB Clear with 2363S™ Matting Agent
Basecoat	
* ChromaPremier® Basecoat	** Cromax® Pro Basecoat Color “CP” Suffix
Primer Sealer/Surfacer	
77X0S™ ChromaBase® “4 to 1” Urethane Primer	LE340XS™ Cromax® Premier LE Urethane Primer Filler
Anti-Corrosion Primer	
! 615S™ Variprime® Self-Etching Primer	! 22880S™ ChromaPremier® Low VOC Etch Primer

! Can be applied directly to Magnesium

* To meet Honda specifications, ChromaSystem activator must be added to the Basecoat

** To meet Honda specifications, Cromax® Pro activator 2075S™ must be added to the Basecoat

AXAL TA REFINISH PRODUCTS (CONT.)

Spies Hecker® Products For Rigid Substrates (Steel and Aluminum)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Permasolid® HS Optimum Clear Coat 8600	Permasolid® Low VOC Clear Coat 8098
Permasolid® HS Clear Coat 8035	Permasolid® Low VOC Clear Coat 8096
Permasolid® Matte Clear Coat Additive 8092 (Added to NR Clear)	Permasolid® Matte Clear Coat Additive 8092 (Added to CARB Clear)
Basecoat	
* Permacron® Base Coat Series 293/295	**Permahyd® Hi-TEC Base Coat 480
**Permahyd® Hi-TEC Base Coat 480	
Primer Sealer/Surfacer	
Permasolid® Spectro Sealer 5450 Black, Blue, Green, Red, White, and Yellow	Permasolid® Spectro Sealer 5450 Black, Blue, Green, Red, White, and Yellow
Permasolid® HS Premium Surfacer 5310 Dark and Light	Permasolid® 2.1 Surfacer 5157 Dark Gray and White
Permasolid® Vario Surfacer 8590 Gray	
Anti-Corrosion Primer	
# Priomat® Wash Primer 4075	# Priomat® 5.5 Wash Primer 4055 Gray
Priomat® 1K Primer Surfacer 4085 DarkLightLLight Gray	Priomat® 1K Primer Surfacer 4085 Dark and Light Gray (Aerosol)

Can be applied directly to aluminum

* To meet Honda specifications, Permasolid® Hardener must be added to Permacron® Base Coat Series 293/295

** To meet Honda specifications, Permahyd® Hi-TEC Hardener 3080 must be added to Permahyd® Hi-TEC Base Coat 480

AXAL TA REFINISH PRODUCTS (CONT.)

Spies Hecker® Products For Flexible Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Permasolid® HS Optimum Clear Coat 8600 +Permasolid® Elastic Additive 9050	Permasolid® Low VOC Clear Coat 8096 + Permasolid® Elastic Additive 9050
Permasolid® HS Clear Coat 8035 +Permasolid® Elastic Additive 9050	Permasolid® Low VOC Clear Coat 8098 + Permasolid® Elastic Additive 9050
Permacron® MS Express Clear Coat 8046 +Permasolid® Elastic Additive 9050	Permasolid® Matte Clear Coat Additive 8092 (Added to CARB Clear)
Permasolid® Matte Clear Coat Additive 8092 (Added to NR Clear)	
Basecoat	
* Permacron® Base Coat Series 293/295	**Permahyd® Hi-TEC Base Coat 480
**Permahyd® Hi-TEC Base Coat 480	
Primer Sealer/Surfacer	
Permasolid® Spectro Sealer 5450 Black, Blue, Green, Red, White, and Yellow	Permasolid® Spectro Sealer 5450 Black, Blue, Green, Red, White, and Yellow +Permasolid® Elastic Additive 9050
Permasolid® HS Premium Surfacer 5310 Dark and Light Gray +Permasolid® Elastic	Permasolid® 2.1 Surfacer 5157 Dark Gray and White +Permasolid® Elastic Additive 9050
Permasolid® Vario Surfacer 8590 Gray +Permasolid® Elastic Additive 9050	
Adhesion Promoter	
Priomat® Elastic Primer 3304 Transparent	Priomat® Elastic Primer 4190
Permacron® 1:1 Elastic Primer Surfacer 3300 Black / Gray	Permasolid® Elastic Adhesion Promoter 3302 Black and White +Permasolid® Elastic Adhesion Additive 3303
Permasolid® Spectro Sealer 5450 Black, Blue, Green, Red, White, and Yellow	Priomat® 1K Elastic Polyolefin Adhesion Promoter 3304 (Aerosol)

* To meet Honda specifications, Permasolid® Hardener must be added to Permacron® Base Coat Series 293/295

** To meet Honda specifications, Permahyd® Hi-TEC Hardener 3080 must be added to Permahyd® Hi-TEC Base Coat 480

Spies Hecker® Products For Magnesium Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Permasolid® Low VOC Clear Coat 8096	Permasolid® Low VOC Clear Coat 8098
Permacron® MS Express Clear Coat 8046	Permasolid® Low VOC Clear Coat 8096
Basecoat	
**Permahyd® Hi-TEC Base Coat 480	**Permahyd® Hi-TEC Base Coat 480
Primer Sealer/Surfacer	
Permasolid® 2.1 Surfacer 5157 Dark Gray and	Permasolid® 2.1 Surfacer 5157 Dark Gray and White
Anti-Corrosion Primer	
! Priomat® 5.5 Wash Primer 4055 Gray	! Priomat® 5.5 Wash Primer 4055 Gray

! Can be applied directly to Magnesium

** To meet Honda specifications, Permahyd® Hi-TEC Hardener 3080 must be added to Permahyd® Hi-TEC Base Coat 480

AXAL TA REFINISH PRODUCTS (CONT.)

Standex® Products For Rigid Substrates (Steel and Aluminum)

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Standocryl® 2K HS Clear	Standocryl® Clear PFC 20
Standocryl® 2K Clear 15-60 PLUS	Standocryl® Clear PFC 30
Standex® 2K Matting Agent MIX 607 (Added to NR)	Standex® 2K Matting Agent MIX 607 (Added to CARB Clear)
Standex® 2K Special Matt (Added to NR Clear)	
Standocryl® 2K Premium Clear	
Basecoat	
*Standex® Basecoat	**Standoblue® Basecoat
Primer Sealer/Surfacer	
Standex® PF Sealer	Standex® PF Sealer
Standex® 2K Nonstop Primer Filler	Standex® PF Filler
Standex® 2K HS System Filler	
Standex® PF Filler	
Anti-Corrosion Primer	
# Standox® Etching Adhesion Primer	# Standox® Low VOC Etching Adhesion Primer
Standex® 1K Primer Filler	Standex® 1K Primer Filler (Aerosol)

Can be applied directly to Aluminum

* To meet specifications, Standox® Hardener must be added to the Standox® Basecoat

** To meet specifications, Standoblue® Hardener must be added to the Standoblue® Basecoat

Standex® Products For Flexible Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Standocryl® 2K HS Clear + 2K Plasticiser	Standocryl® Clear PFC 20 + 2K Plasticiser
Standocryl® 2K Clear 15-60 PLUS + 2K Plasticiser	Standocryl® Clear PFC 30 + 2K Plasticiser
Standex® 2K Matting Agent MIX 607 (Added to NR)	Standex® 2K Matting Agent MIX 607 (Added to CARB Clear)
Standex® 2K Special Matt (Added to NR Clear)	
Standocryl® 2K Premium Clear + 2K Plasticiser	
Basecoat	
* Standox® Basecoat	**Standoblue® Basecoat
**Standoblue® Basecoat	
Primer Sealer/Surfacer	
Standex® PF Sealer + 2K Plasticiser	Standex® PF Sealer + 2K Plasticiser
Standex® 2K Nonstop Primer Filler + 2K	Standex® PF Filler + 2K Plasticiser
Standex® 2K HS System Filler + 2K Plasticiser	
Standex® PF Filler + 2K Plasticiser	
Adhesion Promoter	
Standoflex® Plastic Primer Silver	Standoflex® 1K Plastic Adhesion Primer
Standoflex® 2K Plastic Primer Surfacer	Standoflex® PF Plastic Adhesion Promoter +PF Plastic Adhesion Agent
Standex® PF Sealer + PF Plastic Adhesion Agent	Standoflex® 1K Polyolefin Adhesion Promoter (Aerosol)

* To meet Honda specifications, Standox® Hardener must be added to the Standox® Basecoat

** To meet Honda specifications, Standoblue® Hardener must be added to the Standoblue® Basecoat

AXAL TA REFINISH PRODUCTS (CONT.)

Standex® Products For Magnesium Substrates

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
Standocryl® 2K HS Clear	Standocryl® Clear PFC 20
Standocryl® 2K Clear 15-60 PLUS	Standocryl® Clear PFC 30
Standocryl® Clear PFC 20	
Basecoat	
**Standoblue® Basecoat	**Standoblue® Basecoat
Primer Sealer/Surfacer	
Standex® PF Filler	Standex® PF Filler
Anti-Corrosion Primer	
! Standox® Low VOC Etching Adhesion Primer	! Standox® Low VOC Etching Adhesion Primer

! Can be applied directly to Magnesium

** To meet Honda specifications, Standoblue® Hardener must be added to the Standoblue® Basecoat

SHERWIN-WILLIAMS REFINISH PRODUCTS

Sherwin-Williams Automotive Finish Products

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
1100755 Elegance™ Clearcoat	1100755 Elegance™ Clearcoat
HPC15 HP Process™ Clearcoat with Air-Dry™	HPC21 Low VOC HP Process™ Clearcoat with Air-Dry™ Technology
CC939 ULTRA 7000® Clearcoat	CC927 2.1 VOC Matte Clearcoat
CC947 Low Gloss Clearcoat	CC923 ULTRA 7000® 2.1 Extreme Speed Clearcoat
CC930 ULTRA 7000® Clearcoat	
CC931 ULTRA 7000® Clearcoat	
CC950 ULTRA 7000® Clearcoat	
Basecoat	
*ULTRA 7000®	**AWX® Performance Plus™ Waterborne System
Primer Sealer/Surfacer	
P30 SpectraSeal™	P27 SpectraSeal™
P30 SpectraPrime™	P27 2.1 VOC SpectraPrime™
# NP75 Direct to Metal (DTM) Primer Surfacer	
Anti-Corrosion Primer	
E2G970 Lead/Chrome Free Etching Primer	E2G970 Lead/Chrome Free Etching Primer
# NP75 Direct to Metal (DTM) Primer Surfacer	PE995 Corrosion Shield™ LCF Primer
PE995 Corrosion Shield™ LCF Primer	
Adhesion Promoter	
UPO 7229 National Rule Adhesion Promoter	UPO 7228 Low VOC Adhesion Promoter

* To meet Honda specifications, UH904 Hardener must be added to the Ultra 7000® Basecoat

** To meet Honda specifications, 4560302 Hardener must be added to the AWX® Performance Plus™ Basecoat

Primer can be applied directly to Aluminum

SHERWIN-WILLIAMS REFINISH PRODUCTS (CONT.)

Martin-Senour Automotive Finish Products

US National Rule	US Low VOC (SCAQMD Rule 1151)
Clearcoat	
TC755 Elegance™ Clearcoat	1100755 Elegance™ Clearcoat
IPC15 IP Process™ Clearcoat with Air-	IPC21 Low VOC HP Process™ Clearcoat with Air-Dry™ Technology
TC731 Tec/BASE® High Gloss Clearcoat	TC722 2.1 VOC Clearcoat
TC732 Tec/BASE® Extreme Speed Clearcoat	TC728 2.1 VOC Matte Clearcoat
TC730 Tec/BASE® Speed Clearcoat	
TC751 Tec/BASE® High Performance Clearcoat	
TC748 Low Gloss Clearcoat	
Basecoat	
Tec/BASE® Basecoat	Vortex®
Primer Sealer/Surfacer	
TP520-526 Complete™ Sealer System	TP527-536 2.1 VOC Complete™ Color Sealer
TP520-526 Complete™ Primer Surfacer	TP527-536 2.1 VOC Complete™ Color Primer
# TP570 Direct to Metal (DTM) Primer Surfacer	# TP570 Direct to Metal (DTM) Primer Surfacer
Anti-Corrosion Primer	
TE502 LCF Wash Primer	TE502 LCF Wash Primer
# TP570 Direct to Metal (DTM) Primer Surfacer	TE504 Trio/Prime® LCF Etching Primer
TE504 Trio/Prime® LCF Etching Primer	
Adhesion Promoter	
6249 National Rule Adhesion Promoter	6248 Low VOC Adhesion Promoter

* To meet Honda specifications, TH704 Hardener must be added to the Tec/BASE® Basecoat

** To meet Honda specifications, V302 Hardener must be added to the Vortex® Basecoat

Primer can be applied directly to Aluminum