

Metal Pretreatment

| Types of Parts | Usage | Zinc Phosphate-Based | Heavy Zinc Phosphate-Based | Zirconium-Based (Greener Alternative) |
|--|----------------------|---|----------------------------|---------------------------------------|
| Bulk Finishings Small parts and fasteners | Substrate Protection | CHEMFOS® | ZetaPhos, IRCO BOND® | ZIRCOBOND® |
| Sheet Metal Parts Fenders, stampings | Substrate Protection | <i>ChemFos</i> | N/A | <i>Zircobond</i> |
| Frames and Castings | Substrate Protection | <i>ChemFos</i> | <i>ZetaPhos, Irco Bond</i> | N/A |
| Underbody Any automotive part experiencing severe exposure | Substrate Protection | <i>ChemFos</i> with additional layer of zinc-rich coating | N/A | N/A |

Electrodeposition Coatings (Electrocoat)

| Types of Parts | Usage | PPG Products |
|--|---------------------------|------------------|
| Sheet Metal Parts Stampings, sheet metal, under hood parts, suspension parts, brackets, and any part requiring superior corrosion protection | E-Coat Primer or Monocoat | POWERCRON® Epoxy |
| Heavy Parts Chassis frames, castings, and any part with sharp edges and/or welded joints | E-Coat Primer or Monocoat | FRAME COAT® |

Solvent-Based Liquid Coatings

| Types of Parts | Usage | PPG Products |
|---------------------------------|---------------|---|
| Trim | E-Coat Primer | <i>Powercron</i> Epoxy |
| Steel or Aluminum Wheels | Topcoat | SPECTRACRON® Solventborne Acrylic Melamine |
| Various Plastic Parts | Topcoat | <i>Spectracron</i> Solventborne Acrylic Melamine, <i>Spectracron</i> Solventborne 2K Acrylic Urethane |
| Various Metal Parts | Topcoat | <i>Spectracron</i> Solventborne Acrylic Melamine, <i>Spectracron</i> Solventborne 2K Acrylic Urethane |
| | Primer | <i>Spectracron</i> Solventborne Primer, <i>Spectracron</i> Solventborne Acrylic Melamine |

Water-Based Liquid Coatings

| Types of Parts | Usage | PPG Products |
|----------------|---------------|--|
| Trim | E-Coat Primer | <i>Powercron</i> Epoxy |
| Wheels | Topcoat | AQUACRON® Water-Based Alkyd (in combination with solventborne clearcoat or acrylic powder clearcoat) |

Powder Coatings

| Types of Parts | Usage | PPG Products |
|---|--|---|
| Heavy Parts Castings, chassis frames | E-Coat Primer | <i>Powercron</i> Epoxy |
| Sheet Metal Parts Under-hood parts, fenders, etc. | Powder Primer | <i>Envirocron</i> PCF Hybrid, <i>Envirocron</i> PCM Epoxy, <i>Envirocron</i> PCM Zinc Rich, TGIC Polyester Primers |
| | Topcoat / Clearcoat (if needed or desired) | <i>Envirocron</i> PCT TGIC Ultradurable Polyester, <i>Envirocron</i> PCS Standard Ultradurable Polyester, <i>Envirocron</i> PCU Standard Ultradurable Urethane, ENVIRACRYL® PCC Acrylic Clearcoat |
| | Direct to Metal | <i>Envirocron</i> PCT TGIC Ultradurable Polyester, <i>Envirocron</i> PCS Standard Ultradurable Polyester, <i>Envirocron</i> PCU Standard Ultradurable Urethane, <i>Envirocron</i> PCC Acrylic Clearcoat |

Sprayable Bedliners

| Types of Parts | Usage | Brands | Description |
|---|------------------------------|----------------------------------|-----------------------------|
| Running boards, areas of high wear, floor panel, and any automotive part where the part experiences severe exposure | Protective High Wear Coating | DURABED®, DRAGONHIDE™, DURABULL™ | Polyurea, Aromatic Polyurea |

Underbody Coating

| Types of Parts | Usage | Brands | Description |
|---|--------------------|-------------|---------------------|
| Any area requiring anti-chip protection | Protective Coating | CORASHIELD® | Water-Based Acrylic |

Acoustical Coating

| Types of Parts | Usage | Brands | Description |
|---|--|-------------|---------------------|
| Engine compartments, floor panels, etc. | Acoustical/Vibration Dampening Coating | AUDIOGUARD® | Water-Based Acrylic |

Interior Trim Adhesives

| Types of Parts | Usage | Brands | Description |
|--|---------------------|----------------------------------|---|
| Engine compartments, automotive interior parts, door panels, instrument panels, etc. | Adhesive & Sealants | Rapid Seal, CORABOND®, Cora Tube | Water-Based Latex, Water-Based Urethane |

Lubricants for Metal Forming Operations

| Types of Parts | Usage | Brands | Description |
|--|-------------------------------|-------------------|----------------------|
| Sheet Metal Parts Side panels, hoods, fenders, tanks, etc. | Drawing & Stamping Compounds | Gildraw, GILCOTE® | Heavy-Duty Synthetic |
| | Drawing & Stamping Compounds | Magnudraw | Water Emulsifiable |
| Heavy Parts Castings, chassis frame, axles, etc. | Drawing & Stamping Compounds | Magnudraw | Oil-Based |
| | Vanishing Lubricants Odorless | Magnudraw | Volatile Solvent |

Specialty Products

| Types of Parts | Usage | Brands | Description |
|--|---|--|---|
| Heavy Parts Castings, chassis frame, etc. | Reducing Solvents and Purge Solvents for Paint Viscosity and Paint Line Purge | SPECTRATHIN®, SPECTRACLEAN® | <i>SpectraThin</i> Reducing, <i>SpectraClean</i> Purge solvents |
| Sheet Metal Parts Side panels, hoods, fenders, tanks, etc. | Paint Booth and Oven Coatings | Chemkleer, CHEMWHITE®, Aquacoat, Chempeel, Ovenkleen, Oventacky, Blue Grease | Maintenance |
| Wheels | Paint Line Cleaners | CLEAN LOGIC® | Dissolvable Type Abrasive for Paint Line Maintenance |
| | Paint Detackification | GREEN LOGIC® | Paint Overspray Detackifiers |
| | Rust Corrosion Inhibitors | RUSTAREST® | Synthetic- & Oil-Based Rust Inhibitors |

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