

**SHERWIN  
WILLIAMS®**

# RAIL COATINGS

SOLUTIONS



**FROM SPEC TO PROTECT**

[sherwin-williams.com/protective](https://www.sherwin-williams.com/protective)

# KEEPING YOUR COATINGS PROCESS IN MOTION



## DELIVERING RAILCAR COATINGS WITH A LOWER APPLIED COST

At Sherwin-Williams Protective & Marine, we know coating a railcar involves more than just paint. We create value throughout your operations to help you realize lower total applied cost for coating railcars. Our dedicated team will help you:

**Improve Throughput:** Linings that cure quicker, reducing out-of-service time

**Reduce Rework:** Improved ease of application for faster completions and touch up reductions

**Lower Labor Costs:** Enhanced efficiencies, from applications to inspections, to reduce labor needs and minimize overtime

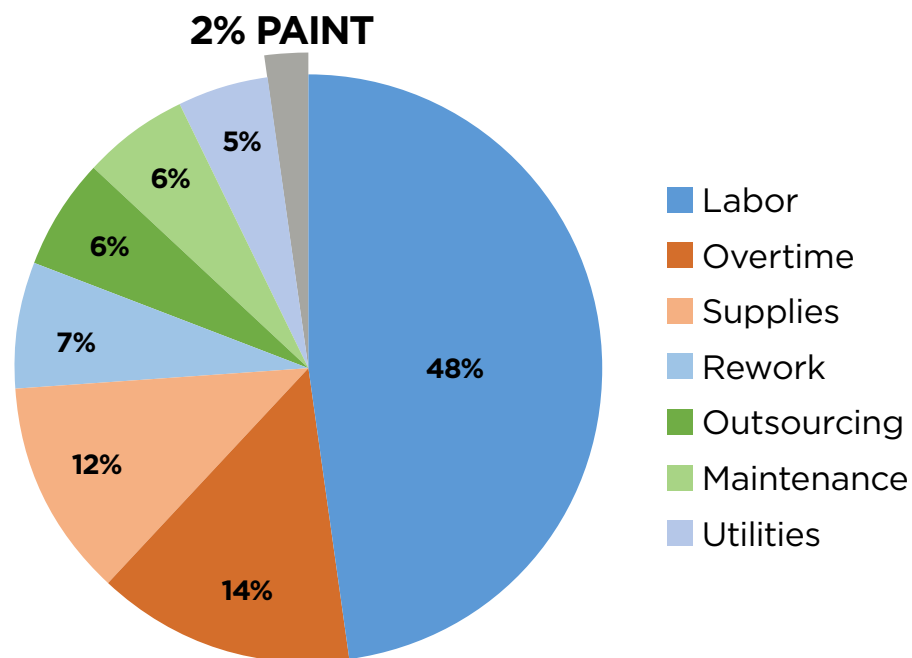
**Curb Consumption:** Direct-to-metal (DTM) exterior coatings and single-pass liners minimize material costs and inventory needs





## PAINTING A RAILCAR INVOLVES MORE THAN JUST PAINT

Cost breakdown of an average railcar coating operation



# VERSATILE PRODUCTS WITH PROVEN PERFORMANCE



## COMPLETE COVERAGE FROM ONE SOURCE

Your railcar coating needs are fully covered – inside and out – thanks to our complete, proven portfolio, our experienced team of technical service representatives, and our dedicated rail research and development lab.

## EXTERIOR PRODUCTS

### CarClad® Macropoxy HS

*Life expectancy: 10-15 years*

- DTM epoxy with proven long-term corrosion control on major North America rail fleets
- One coating to standardize on car types across a fleet
- Surface tolerant with superior application properties

### CarClad® Macropoxy HS 4200

*Life expectancy: 12-15 years*

- Provides superior weathering properties
- “Chalks black” to maintain long term aesthetics (verified through third-party testing)
- DTM epoxy built on the proven CarClad Macropoxy HS platform
- Flexibility to standardize fleets across multiple car types

### CarClad® ER

*Life expectancy: 18-20 years*

- 100% solids epoxy for high shop throughput
- Environmentally conscious with low volatile organic compounds (VOC) formula
- Maximum protection of complex shapes such as equipment, ladders, walkways and undercarriages of rail cars through enhanced edge protection
- Superior flexibility to standardize fleets across multiple car types

### CarClad® WB DTM Waterborne

*Life expectancy: 15-20 years*

- Efficient application in low a VOC DTM platform
- Long-term color and gloss retention
- Low-blocking formulation
- Best-in-class maintenance coating to economically extend asset life cycle

### Envirolastic® 940LV

*Life expectancy: 25+ years*

- Best-in-class life cycle expectancy
- Single-coat, high-build application
- Replacement for two-coat systems
- Superior color and gloss retention
- Unlimited color availability

## LINING PRODUCTS

### Nova-Plate® 360

*Use: Petrochemical crude oil*

- Proven track record for crude oil tank cars
- Ultra-high-solids novolac epoxy (highly chemical resistant) with edge-retentive characteristics
- Resistant to steam cleaning and thermal shock – crude oil and bitumen at 250°F, up to 350°F



#### **Nova-Plate® UHS**

*Use: Petrochemical Crude Oil*

- Ultra-high-solids novolac epoxy (highly chemical resistant) with edge-retentive characteristics
- Broad range of chemical resistance
- PTFE filled for enhanced cleanability
- Inert flake filled for best-in-class pit filling capabilities
- Resistant to steam cleaning and thermal shock — crude oil and bitumen at 250°F, up to 350°F

#### **Dura-Plate® 7550**

*Use: Hopper cars*

- Non BPA
- FDA 21 CFR 175.300 compliant
- Highly flexible and heat stable
- Single-coat application capable

#### **High-Solids Catalyzed Epoxy**

*Use: Box car interiors*

- FDA 175.300 compliant for incidental food contact
- Easy application properties
- Economical

#### **CarClad® Undercoater**

*Use: Tank car jackets*

- Asphaltic based jacket primer
- Quick dry
- Economical

#### **Aquaspar 400 Water-Based Jacket Primer**

*Use: Tank car jackets*

- 0.06 lbs/gallon VOC
- Quick drying

### **COMPREHENSIVE COVERAGE WHEN AND WHERE YOU NEED IT**

Sherwin-Williams delivers materials when and where you need them with same or next day delivery for in-stock products from over 5,000 company-owned distribution points. That way you can continue coating cars, while reducing your in-house material inventory and its associated costs.

### **TECHNICAL SERVICE FOR OPTIMAL APPLICATIONS**

Our technical service team brings extensive technology and product knowledge, as well as manufacturer equipment training, to ensure proficiency throughout the entire coatings process.

**To learn more about our vast portfolio of products and services, please contact your local Sherwin-Williams sales representative or visit [sherwin-williams.com/protective](http://sherwin-williams.com/protective).**

# VERSATILE PRODUCTS WITH PROVEN PERFORMANCE



## COMPLETE COVERAGE FROM ONE SOURCE

Our expertise extends beyond coatings. Sherwin-Williams offers complete solutions for your railcar coating operation. Applicators can enhance their coatings process through access to industry-leading spray equipment and coating supplies - more than 15,000 offerings in total.

### SPRAY EQUIPMENT & MISC PARTS EQUIPMENT

GRACO	WIWA	MISC PARTS
Single Leg Sprayers	Herkules 75:1	Gun Hose
Plural Component Sprayers	Herkules GX 33075	Tip Kits

### BLAST MEDIA AND EQUIPMENT

BLAST MEDIA	BLAST EQUIPMENT
<ul style="list-style-type: none"> <li>• Shot</li> <li>• Grit</li> <li>• Garnett</li> <li>• Coal Slag</li> </ul>	<ul style="list-style-type: none"> <li>• Hoses / fittings</li> <li>• Nozzles</li> <li>• PPE</li> <li>• Design build new equipment</li> <li>• Replacement parts</li> </ul>

### SOLVENTS

SMIS NUMBER	SHERWIN-WILLIAMS SOLVENTS
154-8718	Acetone
154-4584	HI Flash 100
154-4592	HI Flash 150
154-2406	MEK (Methyl Ethyl Ketone)
154-2323	Mineral Spirits
154-2364	Toluene
154-2349	VM&P Naptha
154-2380	Xylene
SMIS NUMBER	SHERWIN-WILLIAMS SOLVENT BLENDS
530-8572	K22 Lacquer Thinner
530-8697	K54 Reducer
530-8721	K58 Reducer
154-4691	Lacquer Thinner 119
154-2307	Lacquer Thinner 120
530-2146	Polane Reducer 69
530-2161	Polane Reducer 84
530-2187	Polane Reducer 94

### MASKING SUPPLIES

SMIS NUMBER	DESCRIPTION
992-0588	Sherwin-Williams 9 in. x 60 yds. Green Premium Masking Paper
473-0636	Sherwin-Williams 12 in. x 60 yds. Green Premium Masking Paper
165-0340	Sherwin-Williams 36 in. x 1000 ft. Green Premium Masking Paper
879-2145	3M® Scotch® Performance Green Masking Tape 233+, 6 mm. x 55 m. - 96 rolls/case
879-2137	3M® Scotch® Performance Green Masking Tape 233+, 3 mm. x 55m. - 144 rolls/case
584-6621	3M® Scotch® Performance Green Masking Tape 233+, 18 mm. x 55 m. - 48 rolls/case
981-6513	Scotch® Performance Green Masking Tape 233+, 12 mm. x 55 m. - 48 rolls/case
932-3460	3M® Scotch® Performance Green Masking Tape 233+, 24 mm. x 55m. - 24 rolls/case
914-1169	3M® Scotch® Performance Green Masking Tape 233+, 36 mm. x 55 m. - 16 per case
584-6639	3M® Scotch® Performance Green Masking Tape 233+, 48 mm. x 55 m. - 12 per case
403-9905	Shurtape Painter's Mate Green® Masking Tape, 48 mm. x 55 m.
172-2297	Sherwin-Williams® Professional Grade Masking Tape - CP66, 48 mm. x 60 yds.
165-0548	Shurtape All-Purpose Grade Co-Extruded Cloth Duct Tape - PC 599, 48 mm. x 55 m.
198-0937	Contractor Series Canvas Drop Cloth 8 oz. Medium Duty, 15 ft. x 12 ft.



SAFETY	
SMIS NUMBER	DESCRIPTION
6506-93997	SAS Safety Thickster Ultra Thick Latex Disposable Gloves, XL - 50 pack
6509-90351	SAS Safety Raven Nitrile Disposable Gloves, XL - 50 pack
100-4217	Trimaco SuperTuff Spray Sock - 6 pack
1007-40687	RPB® 221 Safety Glasses, Clear Lenses
1014-67876	RPB® S100 Ear Plugs - 200 pairs/box
1012-80725	RPB® NOVA 2000™ Tear Aways - 50 pack
572-0131	RPB® NOVA 2000™ Respirator, Respirator w/ Leather Cape & Hot Tube, Includes Medium Head Dome & Sidewings, (NIOSH Approved)
1012-65296	RPB® NOVA 2000™ Respirator, Medium Head Dome and Sidewings, NOISH Approved
1006-84596	RPB® NOVA 2000™ Inners (ANSI Z87.1-2010) - 10 pack
1012-65270	RPB® NOVA 2000™ Outers, .020 Thick - 50 pack
1013-06728	RPB® Lightweight Blast Suit, Large
1007-74959	RPB® Luxury Double Palmed Leather Blasting/Welding Gloves

For more information and a complete list of available application products, contact your local Sherwin-Williams sales representative.

## TOUCH-UP SOLUTIONS

HIGH-PERFORMANCE COATINGS IN EASY-TO-USE PACKAGING.

- Two-component coatings, packaged with proper ratios for application
- Available in both burst pouches and cartridges
- 1:1 to 25:1 volumetric mix ratios

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# KEEPING YOUR COATINGS PROCESS IN MOTION

HIGH-PERFORMANCE RAIL COATINGS THAT KEEP PROJECTS ON BUDGET AND ON TIME

## THE SHERWIN-WILLIAMS DIFFERENCE

The industry experts at Sherwin-Williams Protective & Marine are renowned authorities in their respective fields of knowledge – including Bridge & Highway, Fire Protection, Flooring, Food & Beverage, Freight Rail, Marine, Oil & Gas, Power Generation, Steel Fabrication and Water & Wastewater. Our global technology expertise in areas including tank linings, passive fire protection, corrosion under insulation (CUI) testing and fusion-bonded epoxy drives game-changing innovation and influences global industry standards.



Unparalleled distribution network



Global industry expertise



Most extensive sales organization coverage



Unmatched technical and specification service