

Waterborne China Platform

水性平台



汽车零部件市场涂料涂装解决方案

— 金属底材

沈剑
水性平台



Underbody/Underhood Global OEM and Tiers 汽车底盘和发动机全球OEM和Tiers



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Underbody/Underhood Global OEM and Tiers

汽车底盘和发动机全球OEM和Tiers



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Underbody/Underhood Global OEM and Tiers 汽车底盘和发动机全球OEM和Tiers



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We paint what's under the truck
我们喷涂汽车底部

Underbody/Underhood 汽车底盘和发动机



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A/C compressors & pulley's and components A/C压缩机&滑轮和组件



A/C Condensers and components A/C 冷凝器和组件

Underbody/Underhood 汽车底盘和发动机



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Coating Technologies 涂料技术

Master Cylinders and components for brakes 主缸和刹车部件



Brake Pads, Calipers and Suspension parts 刹车片、卡钳和悬挂部件

Underbody/Underhood 汽车底盘和发动机

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Drive shafts for front, rear and AWD vehicles.
前、后、AWD车辆的驱动轴

Underbody/Underhood 汽车底盘和发动机



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Auto & Truck Chassis and Frames 汽车&卡车底盘和框架



Underbody/Underhood

汽车底盘和发动机



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Suspension springs, struts and shocks

悬浮弹簧，支柱和冲击



Rocker arms, tie rods and Suspension parts

摇臂、拉杆和悬架



Underbody/Underhood 汽车底盘和发动机



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Over the road Truck Tractors and Semi's 公路卡车和半拖车



Drive train, braking and Suspension parts 驱动列车，刹车和悬挂部件

Underbody/Underhood 汽车底盘和发动机



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Truck suspensions & frames
卡车悬挂和框架

Truck air braking systems
卡车空气制动系统



YITAI



Underbody/Underhood 汽车底盘和发动机



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Diesel Engines
柴油发动机



Gasoline Engines
汽油发动机



Underbody/Underhood 汽车底盘和发动机



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Coating Technologies 涂料技术

Epoxy Primers – Mid to High 环氧底漆 – 中高端市场

- E-coat 电泳
- Single Component 单组份
- Epoxy esters 环氧酯
- Water based Epoxy 水性环氧
- Solvent Based Epoxy 溶剂环氧
- Powder Epoxy 粉末环氧
- E-Coat is Immersion 电泳漆浸入
- Manual Spray applied 手动喷应用
- Robotically Applied 机器人应用
- Conventional 常规
- HVLP
- AAA
- Airless 无气喷涂

Underbody/Underhood 汽车底盘和发动机



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Coating Technologies 涂料技术

Urethane Primers – Mid to High
聚氨酯底漆 – 中高端市场

- Two Component 双组份
- Water based Systems 水性体系
- Solvent Based Systems 油性体系
- Powder Systems 粉末体系
- Manual Spray applied 手动喷涂应用
- Robotically Applied 机器人应用
- Conventional 常规
- HVLP
- AAA
- Airless 无气喷涂

Underbody/Underhood 汽车底盘和发动机



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Coating Technologies 涂料技术

Alkyd Primers – Lowest Level

醇酸底漆 – 低端市场

- Single Component 单组份
- Water based Systems 水性体系
- Solvent Based Systems 油性体系
- Powder Hybrid 粉末混合体系
- Dip/Immersion 浸涂
- Manual Spray applied 手动喷涂应用
- Robotically Applied 机器人应用
- Conventional 常规
- HVLP
- AAA
- Airless 无气喷涂

HYDRALON 5702 - Underbody/Underhood

HYDRALON 5702 – 汽车底盘/发动机



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2k Water Based Epoxy
双组份水性环氧底漆

E61BC520/V66VC508

Designed for OEM production applications
为OEC生产应用而设计

Black & Low Gloss
黑色&低光泽

Excellent durability and chemical resistance
优异的耐久性和耐化学性

Custom colors by special order only
按特殊需求定制化颜色

VOC levels less than 1.2
VOC 含量低于1.2

Broad Application Capable: Rotary Disk & Bell, Air Spray,
etc...广泛的应用能力：转盘和钟，空气喷涂等



Hydralon 2K Waterbase Epoxy Primer 双组份水性环氧底漆 E61BC520 / V66VC508



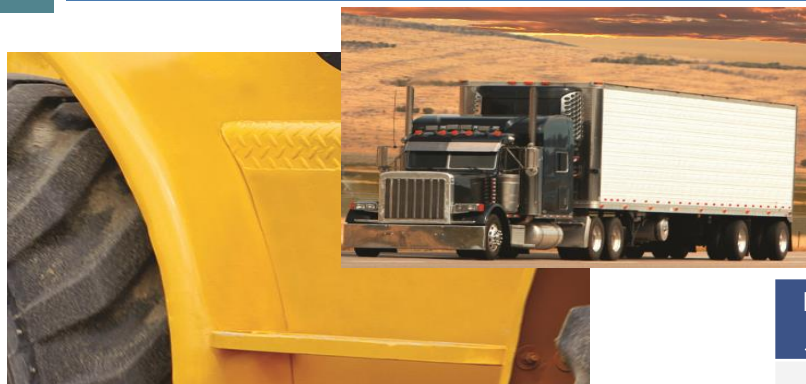
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Aquaguard® Coating Innovation 创新涂料

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Sustainable Technology. 可持续性技术 Enduring Performance. 持久的性能

- Keep equipment in service longer with fewer repairs
• 用更少的维修延长设备的使用时间
- Best-in-class, zinc-free corrosion protection for metal substrates
• 金属基材上最好的无锌防腐保护
- Designed for extreme environments: salty ocean air, road cleaning chemicals and gritty construction sites
• 为极端环境而设计：咸海空气、道路清洁化学品和砂砾建筑工地

Our Water-Based, Liquid Coating Portfolio 水性、液体涂料产品平台

Product Line 产品线	Application 施工应用	Benefits 优势
Aquaguard Direct	Direct-to-Metal DTM	• Outstanding corrosion protection in a lightweight direct-to-metal formulation 直接喷涂于金属基材，具备优异的防腐性能
Aquaguard Prime	Primer Coat 底涂	• Outstanding corrosion protection and full coverage at lower weight than zinc containing products 具备出色的防腐性能和优异的覆盖性，比含锌涂料更轻 • Low-VOC formulation to meet environmental compliance needs 低VOC满足环保要求
Aquaguard Ultra	Top Coat 面涂	• Full range of color options to match customer and brand standards 具备满足客户需求及品牌标准的全系列色彩选择

POWDURA - Underbody/Underhood

POWDURA -汽车底盘/发动机



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Urethane, TGIC & TGIC Free, Epoxy and Hybrids

聚氨酯, TGIC&TGIC, 环氧树脂和混合

PACCAR, Federal Mogul, FCA Approvals, Ford, etc
PACCAR, 辉门集团, FCA标准, 福特, 等等

Full color range and High, Mid and Low Gloss
全系列色彩和高、中、底光泽

Excellent durability and chemical resistance
优异的耐久性和耐化学性

DSC Inventory
DSC 库存

Standard cure to low cure
标准固化到低温固化



PACCAR



POLANE - Underbody/Underhood

POLANE – 汽车底盘/发动机



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2K Urethane Primer/Finish Coat

双组份聚氨酯底漆/罩光漆

PACCAR Approved
PACCAR 标准

Black & Low Gloss
黑色&低光泽

Excellent durability and chemical resistance
优异的耐久性和耐化学性

Excellent Adhesion to Aluminum
优异的附着力

VOC levels less than 3.4
VOC含量低于3.4

MAHLE
Driven by performance
BEHR



PACCAR

Transportation components



Our Transportation Customers

我们的客户



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FIAT CHRYSLER AUTOMOBILES



OEM APPROVALS

OEM 标准



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Underbody/Underhood Global Tier's 汽车底盘/发动机全球Tiers



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Global Target Accounts - Tier Suppliers Supply OEM's – “Our Focus”

HENDRICKSON
The World Rides On Us™



TOWER
AUTOMOTIVE

DELPHI

Innovation for the Real World

Purolator

Valeo

**FEDERAL
MOGUL**



MAHLE
Driven by performance
BEHR

AKA
BRAKE EXPERTS

TRW
Automotive

Haldex
Barnes Hydraulics

brembo

WALKER
TENNECO
VISION



MERITOR

Bendix
by Honeywell

Rexroth
Bosch Group



MONROE

IFA ROTORION

PLATFORM WATERBORNE
水性平台

FOR A GREEN WORLD
水性引领绿色生活

Legacy Valspar - Industry Leader



Transportation Product Portfolio

交通运输产品平台



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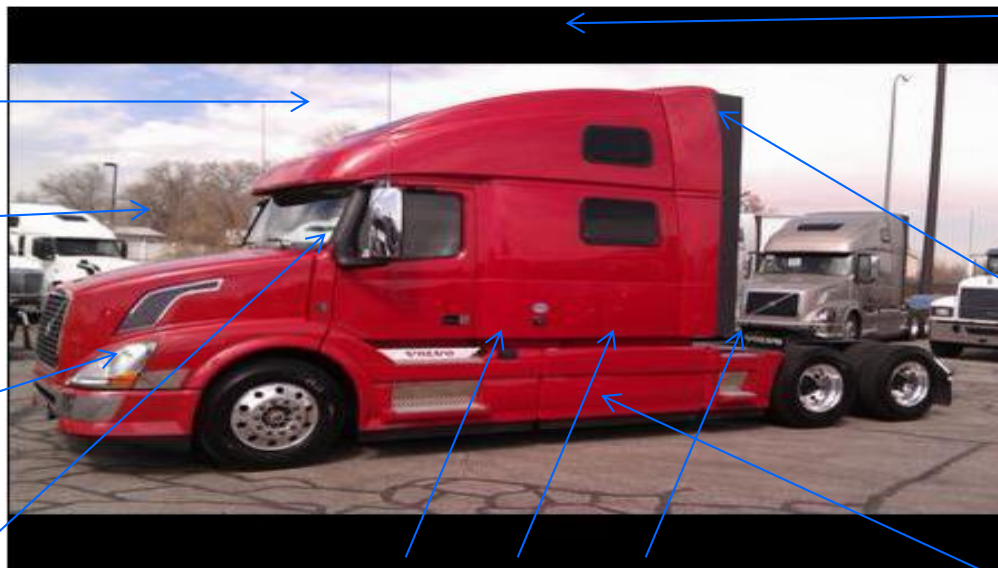




HEAVY Truck & Bus sub-segment

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Volvo 2015 VNL



Sun Visor 防晒板
1704 Primer底漆
Core (Mexico)

Hood车檐 - 1906
IMC
Core (Gaffney)

Front Bumper前
保险杠
1704 Primer底漆
Mack Molding

Front Cowl前隔板
1704 Primer底漆
Mack Molding

Chassis / Fuel Tank Fairings
底盘/燃油舱
1704 Primer底漆
CK Technologies

Roof 顶部- 1906
IMC
Core (Columbus)

Roof & Sleeper
Extension顶部和
驾驶室扩展
1704 Primer底
漆
Mack Molding

Undercab Skirt
驾驶室下边缘
1704 Primer
CK Technologies

Underbody/Underhood Global Parts 汽车底盘/发动机全球部件



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- Typically - Black, Lower in Gloss and Primer/Finish coat
典型 – 黑色, 低光泽和底漆/罩光漆
- Liquid & Powder Coating Technology
液体和粉末涂料技术

Automobile, Truck, Bus, RV Components

汽车, 卡车, 巴士, RV组件

Frames and Parts

框架和部件

Axles and Brakes 轴和刹车

Heating and Cooling

加热和冷却系统

Engine Components

发动机部件

Steering Systems

转向系统

Brakes 刹车



Underbody/Underhood Global

全球汽车底盘/发动机



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- Typically - Black, Lower in Gloss and Primer/Finish Coat
- 典型 – 黑色,低光泽和底漆/罩光漆
- Approved Liquid & Powder technology
- 核准的液体和粉末技术

Sherwin-Williams Approved Coatings

宣伟标准的涂料

2K Water Based Epoxy

双组份水性环氧

E61BC520/V66VC508 - Mercedes, BMW, Ford, GM, etc...

2K Solvent Urethane

双组份溶剂聚氨酯

E61BC32 - PACCAR, Ford, etc...

1K Water Based Alkyd

单组份水性醇酸

E61B571 (KA70P) - FCA, Ford, etc...

Powdura TGIC

DBS6-20003 - PACCAR

PBS4-C0010 - Meritor

Powdura Urethane

Powdura 聚氨酯

UBS2-80001 - PACCAR

水性引领绿色生活 平台造就环保产业

