





# Business Activities

Nippon Paint Holdings Group operates a paint business and a fine chemicals business. We are a comprehensive paint manufacturer that offers a broad variety of products and services, ranging from high-quality and high-functionality paints, including eco-friendly types,

to pre-treatment agents for painting, treatment agents that provide functionality to thin films, and systems proposals to improve the efficiency of the painting process.







# Paint Business

### Trade-use paints and house paints

We provide paints widely used at various construction sites such as s houses, buildings, and bridges. In addition to eco-friendly paints, our product line-up includes paints that increase functionality such as anti-corrosive paints for structures.

#### Topics in 2017

Acquisition of Dunn-Edwards Corporation, a US paint manufacturer, as a wholly owned subsidiary

While we used to operate only an automotive paint business in the United States, we have acquired the

company as a base to develop a construction paint business in the country.



Acquisition of CRF, a Chinese paint manufacturer, as a consolidated subsidiary

We have entered the business of paints for coating wooden furniture at factories in response to the growth of the market.



# Automotive coatings

Our product lineup includes paints with high quality and performance for all steps of the car body coating process, ranging from undercoating to middle-coating and top-coating, and supply them to global car manufacturers.

#### Topics in 2017

Our original color "Koiai" was adopted for JPNTAXI, a new model of taxis. We developed this deep blue color with a concept of adding depth and vividness to the image of indigo, a familiar color for life in Japan that also symbolizes the country. For this product, we received Project Commendation Chief Engineer (CE) Special Award from Toyota Motor.



## Industrial coatings

We provide pre-coat and post-coat paints, as well as eco-friendly paints including powder paints containing no solvent, to a wide range of industries such as construction machinery, agricultural machinery, exterior building materials, office equipment, and home electronic products. We will also continue to expand our business activities in Asia.

#### Topics in 2017

A cruise train "Train Suite Shiki-shima," which adopted our "Shiki-shima Gold," won GOOD Design Gold Award 2017. Shiki-shima Gold is a high-quality luxurious color that vividly reflects the scenery in Japan, which is different in each of the four seasons, and beautifully colors the country's landscape while fitting the Shiki-shima train's design concept of offering superior experiences to enjoy transitions of time and space.



Photo courtesy of East Japan Railway Company



### Marine coatings

We develop and market advanced paints that achieve both environmentally friendliness and cost reduction, such as ultra-low fuel consumption antifouling paints that comply with global environmental regulations in the shipbuilding and marine industry.

#### Topics in 2017

In response to the tightening of environmental regulations, such as the start of regulation on sulfuric compounds in 2020, we have adopted a product strategy that considers the environment. Our high-end LF-Sea series of fuel-saving antifouling paints for ship bottoms have a water trapping function based on a biomimetic technology developed with an inspiration from the skins of tuna and dolphins to reduce friction. We will introduce this technology into products in the volume zone to further reduce environmental impact.



### Auto refinish paints

Applying cutting-edge technologies cultivated for coating new cars, we have developed proprietary paints appropriate for refinishing. These paints help reduce environmental impact and improve the efficiency of the refinishing process.

#### Topics in 2017

The lineup of our next-generation water-based paints "naxE-CUBE WB" now includes primary colors dedicated to painting for sophisticated design such as Soul Red Crystal Metallic for Mazda. We have also updated our computer-based color mixing system

"COLOBO" to add a new function that is the first in the industry in order to help customers improve their productivity and develop human resources.





# Fine Chemicals Business



### Surface treatments

Surface treatments are required in a wide range of industrial sectors. We develop advanced products, such as surface treatments with an affinity for paints and functional thin-film paints that satisfy various customer needs.

#### Topics in 2017

We launched new products of Surfcoat® AF1, a defogging and antifouling treatment with a self-cleaning function, and Surfalcoat® 9340, a hydrophilic and hydroplaning treatment with a property to let water slip down.





#### Fine products

We work to offer paint products that meet social needs and help solve problems from a global perspective. We develop advanced products such as UV-curable coating materials and ultrafine organic particles.