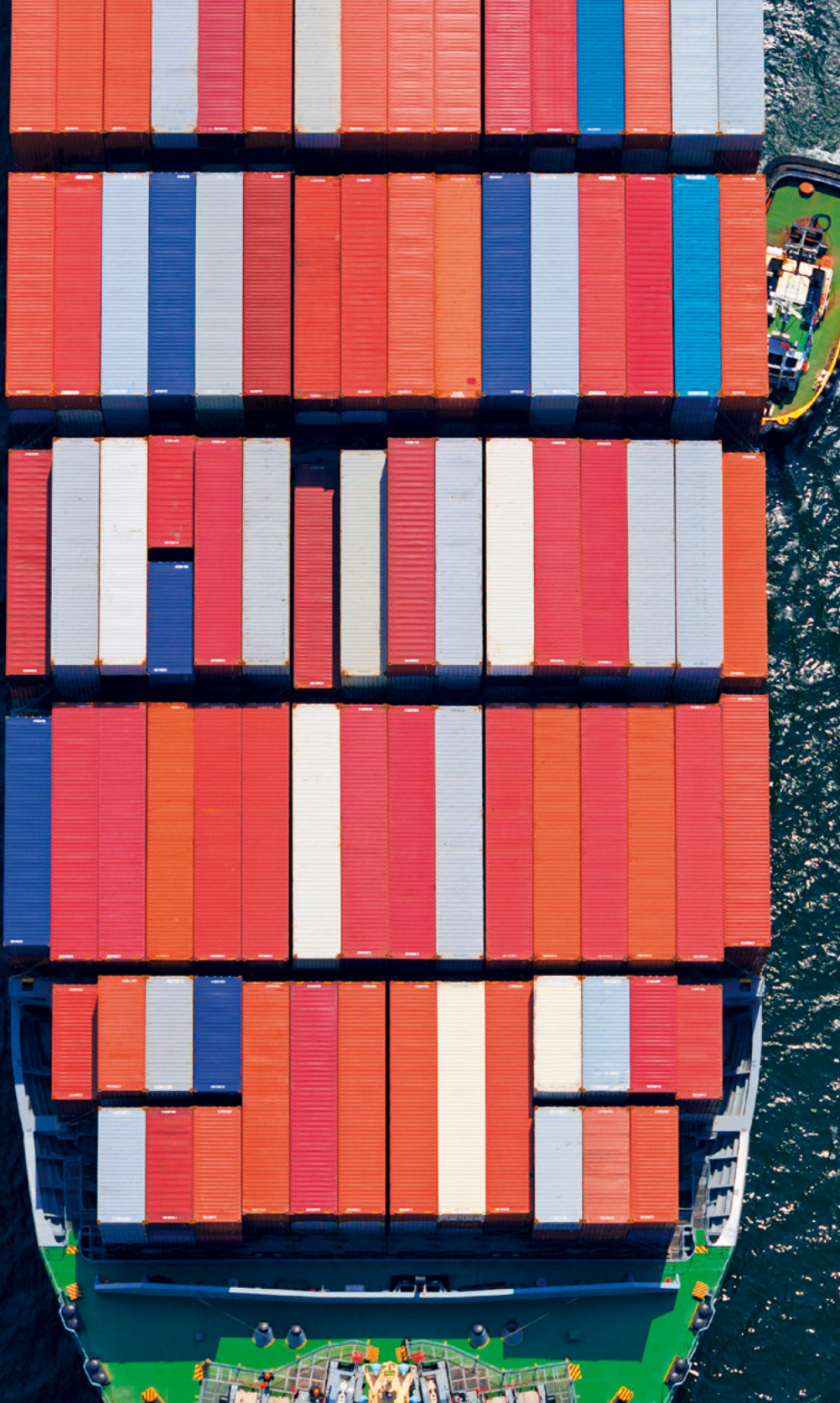


Diofan<sup>®</sup>



**SOLVAY**

asking more from chemistry<sup>®</sup>



**Diofan<sup>®</sup> PVDC**  
High-Performance Binders  
for Waterborne Anticorrosion Coatings

**SPECIALTY  
POLYMERS**

## Diofan® PVDC

### High-Performance Binders for Waterborne Anticorrosion Coatings

For 50 years Solvay has been developing and commercializing aqueous dispersions for barrier packaging films broadly used in the food and pharmaceutical industries. The unique knowledge acquired from research in these areas has been successfully extended to waterborne binders for paints and coatings as safer choices for the workplace, health and the environment.

Diofan® PVDC water-based binders have been developed for sustainable high-performance corrosion protection coatings. They make it possible to switch from conventional solvent-borne coating materials to waterborne protection solutions by keeping or improving the metal protection performance.

Diofan® PVDC copolymers are designed to meet the demanding requirements of industrial OEMs and special purpose metal protection applications.

#### The Application Range Includes:

- Transportation
- Automotive
- Machinery & Equipment
- General metal
- Industrial maintenance
- Marine
- Construction



#### Diofan® PVDC-Based Primers Provide:

- Outstanding barrier properties vs. oxygen and water vapor
- Excellent corrosion protection performance
- Excellent adhesion to a broad variety of metal substrates including DTM
- Ability to be used as a single protective coating and a top coat
- Flame-retardant properties due the copolymer composition
- Easy processability (formulation and application)
- 1 K “one” component film formation
- Compliance with international regulatory requirements, also for food and drinking water contact
- Competitive advantages for environmentally friendly, cost-efficient coating systems
- Freedom from plasticizers and any alkylphenol ethoxylates (APE)

Solvay’s range of Diofan® PVDC barrier polymers fulfill the most highly specialized expectations of coatings manufacturers for sustainable solutions with unrivalled levels of performance. We offer innovative solutions to help our customers meet difficult challenges in a wide range of markets and coating applications. Our technical specialists are available to work with you to find the right material and give you the support you need to succeed.

[www.solvay.com](http://www.solvay.com)

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