Press Release

**Solvay Hall 1 Booth #318 | European Coatings Show 2019**

# Solvay develops sustainable Halar® ECTFE anti-corrosion coating system

**Bollate, ITALY, March 19, 2019 ---** Solvay's new waterborne Halar® ECTFE coating system broadens metal corrosion prevention applications for the chemical processing industry. The coating system is comprised of a high adhesion primer and topcoat and is easily applied using standard liquid spray equipment.

Solvay's Halar® ECTFE powder coatings have been used for corrosion prevention for over 40 years for equipment in a range of industries including acids, mining, pulp and paper, pharmaceutical, food and beverage, and semi-conductor, among others. The new waterborne Halar® ECTFE liquid coating technology expands the range of end-use applications to those that are difficult or impossible to powder coat. This includes complex shapes, uneven surfaces, oversized vessels, pipe interiors, tanks and containers. Moreover, it provides engineers an alternative protective metal coating option to corrosion resistant alloys (CRAs).

The new liquid coating technology provides the same unique combination of Halar® ECTFE properties that delivers long-lasting performance and includes excellent chemical resistance, outstanding permeation resistance, exceptional surface properties, excellent adhesion and high purity.

*"Sustainability was the compelling motive and driving force leading to the significant research and technological development of Solvay's new waterborne Halar® ECTFE liquid coating system,"* says Brian Baleno, global business development manager Industrial, Energy & Environment at Solvay's Specialty Polymers global business unit. *"The environmentally-friendly, ultra-low Volatile Organic Compounds (VOC) and Hazardous Air Pollutant (HAP)-free formulation helps meet stringent regulatory customer needs. Waterborne finishes provide greatly improved work environment conditions on the production line and for sprayers and can also help lower costs in relation to equipment clean-up which relies on water and inexpensive cleaning agents."*

Solvay's waterborne Halar® ECTFE liquid coatings, which can also be used without the primer, can be applied quickly, easily and uniformly in a range of thicknesses to meet requirements for various service conditions. They can be applied to an extensive range of substrates such as metals, glass, masonry, polymers and wood using most types of application equipment, including spray and dip coating. In addition to its high chemical resistance, it is hydrophobic with exceptional resistance to strong acids and bases (pH 1-14) and is not affected by any known solvent up to 150°C (302°F).

*® Halar is a registered trademark of Solvay.*

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**Solvay Specialty Polymers** manufactures over 1500 products across 35 brands of high-performance polymers – fluoropolymers, fluoroelastomers, fluorinated fluids, semi-aromatic polyamides, sulfone polymers, ultra-high performance aromatic polymers, and high-barrier polymers – for use in Aerospace, Alternative Energy, Automotive, Healthcare, Membranes, Oil and Gas, Packaging, Plumbing, Semiconductors, Wire & Cable, and other industries. Learn more at **www.solvayspecialtypolymers.com**.

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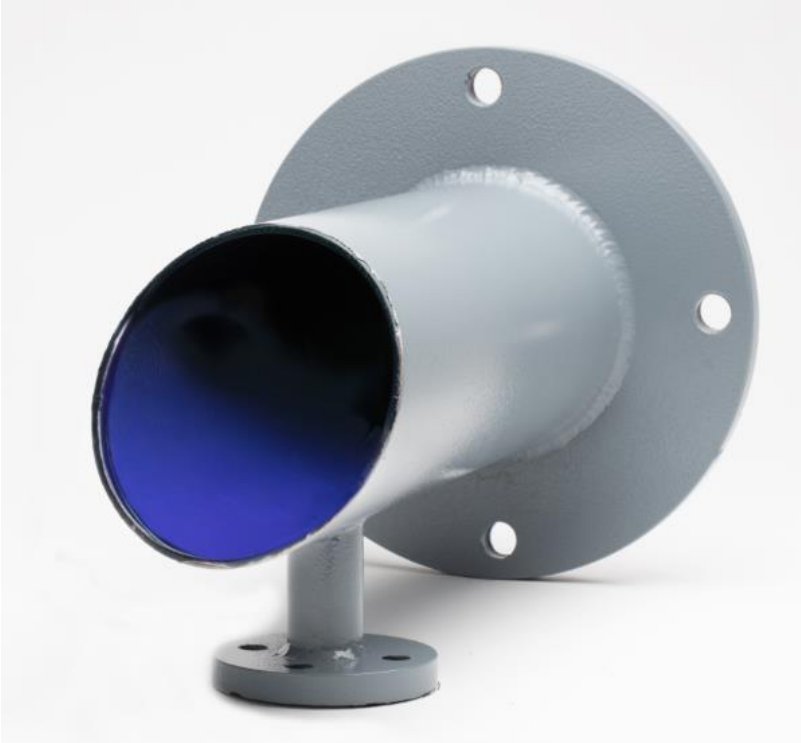

The new sustainable waterborne Halar® ECTFE liquid coating technology, easily applied using standard liquid spray equipment, broadens the range of end-use and provides engineers an alternative protective metal coating option to corrosion resistant alloys (CRAs). This opens-up applications in the chemical processing industry that were inaccessible due to the difficultly of using powder coatings and include complex parts, uneven surfaces and those that are difficult to access, oversized vessels, pipe interiors, tanks and containers.

Photo of Accoat A/S application courtesy of Solvay