



# SOLEXIS

A SOLVAY SPECIALTY POLYMERS COMPANY

## FOR IMMEDIATE RELEASE

### New Solef® PVDF for Coatings in the Oil & Gas Industry

**Bollate, Italy, September 22, 2011** – Solvay Solexis, a Solvay Specialty Polymers company, announces today the development of Solef® 41308 PVDF, a new series of Polyvinylidene Fluoride (PVDF) for special use in the Oil & Gas industry.

This new generation of [Solef® PVDF](#) is designed for direct adhesion onto metals and allows the construction of multilayer coating systems. While a first layer is applied with conventional Electrostatic Powder Coating techniques for providing corrosion protection, a second layer of a compatible Solef® PVDF grade is extruded on the pipe and adds thermal insulation and mechanical strength.

In comparison with existing Polyolefin-based coating systems, Solef® PVDF offers direct adhesion to metal (no need for tie layers), higher thermal stability, higher chemical and permeation resistance, excellent weatherability, higher mechanical strength and better thermal insulation properties at lower thickness. A two-layer system for use up to 150°C.

The main targeted market is the [Oil & Gas industry](#), in which piping systems moving hot crude oil are typically buried, laid in open constructions or in deep ocean waters and must operate safely for many years.

Solef® PVDF has a very long track record in high-temperature unbonded flexible risers and flowlines and is widely recognized as a high performance thermoplastic with an outstanding balance of properties, from excellent thermal resistance to superior chemical and very good mechanical resistance.

[Solvay Specialty Polymers](#) offer the Oil & Gas industry today's largest and highest performing portfolio of polymers: fluoropolymers and cross-linkable compounds for anticorrosion coatings and for fluid and gas transport, fluorinated fluids for drilling operations, fluoroelastomers for seals, polyaryletherketones for longer lasting compressor valve plates, polyamide-imides for replacing metal in high-temperature friction and wear applications.

**About Solvay Specialty Polymers** Solvay Specialty Polymers is comprised of the activities of the Solvay Advanced Polymers, Solvay Solexis and Solvay Padanaplast companies along with the Ixan® and Diofan® PVDC product lines. As the manufacturer of more products with more performance than any

SOLVAY SOLEXIS S.p.A.

Società soggetta a direzione e coordinamento di Solvay S.A. con sede a Bruxelles, Belgio

Sede Legale: Viale Lombardia 20, 20021 Bollate MI, Italy | Tel: +39 02 3835.1 | Fax: +39 02 3835.6233 | R.I. Milano 03521920961 | R.E.A. Milano n. 1680542

Stabilimento: Piazza Donegani 5/6, 15047 Spinetta Marengo AL, Italy | Tel: +39 0131 205.1 | Fax: +39 0131 205.588 | R.E.A. Alessandria n. 215314

Cap. Soc. Euro 374.187.000 i.v. | Cod. Fisc. e P.IVA. 03521920961 | [www.SolvaySpecialtyPolymers.com](http://www.SolvaySpecialtyPolymers.com)

## Page 2 – New Solef® PVDF for Coatings in the Oil & Gas Industry

other polymer company in the world, Solvay Specialty Polymers supplies over 1500 products across 33 brands of high-performance polymers – fluoropolymers, fluoroelastomers, fluorinated fluids, semi-aromatic polyamides, sulfone polymers, aromatic ultra polymers, high-barrier polymers and cross-linked high-performance compounds – for use in Aerospace, Alternative Energy, Automotive, Healthcare, Membranes, Oil & Gas, Packaging, Plumbing, Semiconductors, Wire & Cable, and other markets.

Learn more at [www.solvayspecialtypolymers.com](http://www.solvayspecialtypolymers.com).

Solvay is an international industrial Group active in Chemistry. It offers a broad range of products and solutions that contribute to improving quality of life. The Group is headquartered in Brussels and its companies employ 14,800 people in over 40 countries. In 2010, its consolidated sales amounted to EUR 7.1 billion. Solvay is listed on the NYSE Euronext stock exchange in Brussels (NYSE Euronext: [SOLB.BE](http://www.nyse.com/quote/SOLB:BE) - Bloomberg: [SOLB.BB](http://www.bloomberg.com/quote/SOLB:BB) - Reuters: [SOLBt.BR](http://www.reuters.com/quote/SOLBT:BR)). Details are available at [www.solvay.com](http://www.solvay.com).

### FOR MORE INFORMATION CONTACT:

Alberta Stella

+39 02 3835 6671

[Alberta.Stella@solvay.com](mailto:Alberta.Stella@solvay.com)