



*A fresh look  
at automotive*

SOLVAY  
Chemicals





## Overview

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Solvay Chemicals effectively meets the needs of the automotive market with products used in applications ranging from paint resins, elastomers, and flexible coatings, to auto underbody sealants and brazing fluxes.

Backed by more than 140 years of expertise, we are helping to build and maintain a cleaner, healthier world. Regarding specific applications, please go to [www.solvaychemicals.us](http://www.solvaychemicals.us) for more information.

## Inorganic fluorides

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NOCOLOK® Flux is used globally by the aluminum heat exchanger industry in the production of aluminum automotive heat exchangers such as radiators, condensers, oil coolers and evaporators. Well known as the industry standard, NOCOLOK® Flux provides consistent and reliable high performance to the aluminum brazing industry.

## Precipitated barium sulfate

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Precipitated barium sulfates (Blanc Fixe) are commonly used to produce automotive base coats and electro-cote. They provide excellent color compatibility, high brightness, and gloss. They are highly resistant to acid or alkaline leaching with no affinity to UV absorption, and can be used to effectively extend expensive pigments.

## Precipitated calcium carbonate

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Socal® and Winnofil® ultrafine precipitated calcium carbonates are functional additives used to control rheology, strength, flow and optical properties of adhesives, sealants, paints and undercoatings. These additives provide sound barrier and chip resistance properties to the underbody coatings and smoother finish of the base coat.

## Polyvinyl chloride polymer (PVC)

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Solvin® grade polyvinyl chloride polymer is used to formulate flexible coatings, auto underbody coatings, and polyurethane compounds. Solvin® is also used structural polyurethane components.



### *Global Resources*

As part of the Solvay Group, we are a member of an international chemical and pharmaceutical group whose companies employ 29,000 people in 50 countries. The Solvay Group is the world's leading producer of hydrogen peroxide, soda ash, sodium percarbonate and barium and strontium products.

### *North American Sites*

Solvay Chemicals and its affiliates ship product from seven North American plant sites and a number of strategically located distribution terminals. Our hydrogen peroxide and sodium percarbonate plants are located in Deer Park, Texas and Longview, Washington. Green River, Wyoming is home to our soda ash and sulfite production facility and our trona facilities. Inorganic fluorides are produced at Catoosa, Oklahoma and Alorton, Illinois, and our sodium bicarbonate is produced in Parachute, Colorado. Solvay Fluor in Ciudad Juarez, Mexico, manufactures ammonium bifluoride and anhydrous hydrofluoric acid. We also offer the North American market many imported products from our affiliates' plants around the world.

### *The Responsible Care® Initiative*

We are committed to sustainable development through the Responsible Care® initiative, a policy adhered to by all Solvay companies, in every country in which Solvay has a presence. The Responsible Care® initiative underscores our focus on continuous improvement in the health, safety and environment of our planet.



**Solvay Chemicals, Inc.**

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[www.solvaychemicals.us](http://www.solvaychemicals.us)

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