



CHEMICAL SPECIALTIES
ESQUIM S.A.

**SILICONE INNOVATION FOR
INDUSTRIAL APPLICATIONS**
We add quality



Founded in 1983 and specializing in the production of silicone based chemical products and general industry additives, ESQUIM extended its plant in 2012 with the acquisition of the land where the company is now situated: 3.000 m² dedicated to research and development, production, administration and logistics in Cardedeu, north eastern Spain. In 2016 they acquired a new production plant in Rubi of 2500 m² in order to expand production capacity and offer our customers better service and an expanded product range.

We can offer the following services:

- Production of chemical products in accordance with the highest technology, the most demanding standards of quality and care for the environment.
- A highly qualified team who are widely experienced in the industrial sector.
- Total flexibility so as to be able to adapt ourselves to the demands of all our customers, including the development of tailor-made products.
- Immediate availability of all our products.
- Direct contact between the manufacturer and the customer.

Sectors

- Adhesives
- Aerosol fillings
- Agrochemicals
- Brewing industry and fermentation
- Auto care cleaners & polishers
- Chemical products
- Perforation
- Water treatment
- Electricity & electronics
- Engineers
- Fiber treatment
- Food industry
- Smelting
- Insulation products
- Latex
- Leather tretment
- Metals industry
- Unwoven fabric
- Oils & petrochemicals
- Paints & inks
- Pharmaceutical products
- Household cleaning & polishing products
- Polymers, plastics & resins
- Printing Ink industry
- Plastic & rubber molds
- Sewing threads
- Textiles industry
- Valve & pump manufacturing
- Construction
- Molding
- Cosmetics



ANTIFOAM AGENTS

ESQUIM's antifoaming agents effectively control even the most intense and persistent foam without altering or contaminating the process or products involved.

They are applied cost-effectively and in very small quantities across a wide range of processes, both aqueous and non-aqueous, throughout the chemical industry.

- Silicone Antifoam Agents
- Silicone free Antifoam Agents
- Powdered Antifoam Agents
- Food grade Antifoam Agents
- Air Release Agents

SILICONE ELASTOMERS

Since the very beginning of our activity, the technical staff of ESQUIM has worked constantly on improving and widening its range of RTV products in order to meet all our customer's needs. Moreover, we have become specialists in tailor made products.

- 2-component Silicone Elastomers (RTV-2) by condensation cure
- 2-component Silicone Elastomers (RTV-2) by addition cure
- 1-component Silicone Elastomers (RTV-1) Sealants
- Liquid silicone rubber (LSR)

SILICONE FLUIDS

Silicone fluids are a group of transparent liquid polymers distinguished from other organic fluids by their excellent physical and chemical properties which enable them to be widely used in a high variety of different technical applications and for the cosmetic industry.

- Polydimethylsiloxane Fluids
- Volatile Silicone Fluids
- Reactive Silicone Fluids
- Organically modified Silicone Fluids
- Specialised and Blends Silicone Fluids



EMULSIONS

ESQUIM offers many products in emulsified form. Our range of emulsions is designed to enable the application of silicone fluids in aqueous systems, thereby allowing for greater malleability and an application much more environmentally friendly.

- Release Agents
- Softeners for textile treatment
- Polishing Agents
- Food grade

COATING ADDITIVES

ESQUIM has a great range of various surface additives to get a different and high-quality coatings. In addition to the standard range, our technical department provides the possibility to develop, working together with our customers, additives adapted exclusively to your needs, improving products day by day to make them more eco-friendly and VOC-free.

- Mar resistance
- Surface slip
- Levelling and Gloss
- Wetting
- Anticrater
- Hammered finish
- Corrossion inhibitor

WATER REPELLENTS

Formulated with reactive silicones which reticulate and thus form three-dimensional structures; the use of water repellents is essential to achieve materials or surfaces with a high water-repelling performance and permeability to gases in sectors such as construction or paint production.

- Silicone Water Repellents for watery substances
- Silicone Water Repellents for Solid Organic substances
- Fluoro Silicone Water Repellents as Anti-graffiti
- Non silicone Water Repellents



RELEASE AGENTS

ESQUIM can offer a wide range of products which are coated or sprayed onto a surface to provide a nonstick area for another material.

- Silicone based
- Silicone free
- Spray form

ADHESION PROMOTERS

ESQUIM has a wide range of primers, additives and silanes which improves the adhesion between the coating and any kind of substrate with different functionalities depending on the needs.

CHEMICAL SPECIALTIES

In our effort to improve both, our service and the quality of our customer's products, ESQUIM has developed over the years a wide range of additives and specialties for many different sectors.

- Moisturizing additives, dispersing agents and surface improvers for the painting industry
- Silicone resins
- Stabilizers and additives for the PVC industry
- Silicone greases, pastes and lubricants
- Thickening or rheological additives
- Production and development of formulations for third parties





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