



**We Are In
The Chemistry
Of PVC Raw Material-Based
Production**



SECAN Chemistry
Solutions

ABOUT US



An Adventure Full of Experience and Success...

We gathered nearly 20 years of sectoral experience and knowledge under the corporate roof of Secan Kimya in Beylikdüzü, Istanbul in 2020. We continued our work with the awareness that our business requires knowledge and experience as well as intense interest and sensitivity. The production processes of our valuable business partners are very important, we should accept every detail as the most important fact with interest and focus on it with sensitivity. While continuing our activities with this perspective, we moved to İkitelli Industrial Zone in 2021 in order to both increase our capacity and carry the administrative processes of our work to a higher level.



Customer satisfaction is not a goal, it is an **obligation** for us.

100%

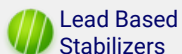
We provide chemical material supply and chemical prescription consultancy to a wide range of sectors producing from PVC Raw Material.

OUR PRODUCTS



Stabilizers

It provides thermal stabilization to PVC material during production and ensures that the product is presented with resistance to weather conditions. PVC, which has a thermally unstable structure, begins to decompose at 120-130°C and becomes processable and moldable only above 160°C and begins to release HCl. The lack of control in the production of HCl gas intensifies the decomposition process. It is used in the cable, pipe, window profile, technical profile, packaging, transparent film, edge band, paneling, cable duct and telecommunication sectors, as well as in the production of products such as shoe soles and tent tarpaulins.



Lead Based Stabilizers



Calcium Zinc Based Stabilizers



Tin Based Stabilizers



Sliders

Lubricants, which are low molecular weight substances added to reduce the forces and stresses that occur during the processing of PVC material, improve and develop the processing properties of the polymer. Improperly balanced lubricants cause solids to accumulate on the surface of processing equipment.



Pe Wax



Stearic Acid



Calcium Stearate



Zinc Stearate



SC 30



SC 60



Oxide Wax



Processes

They help PVC processing to be easier and more consistent, as well as improving surface quality and gloss. They also ensure that PVC products retain their color and clarity. Processing aids reduce processing temperatures, reduce production downtime, and save energy. They can be used efficiently in injection, window and door profiles, packaging industry, PVC foam applications, sheet manufacturing, technical profiles, and thermoforming applications.



Foam Process



Soft Process



Rigid Process



Impact and Strength

They are basic additives that increase flexibility and thus impact resistance in order to meet the needs of hard parts depending on their physical properties. The goal of PVC strength enhancers is to increase the flexibility and impact resistance of PVC products. PVC is a type of thermoplastic that can be melted and shaped in various ways. However, this feature also causes it to be a brittle material that is not very resistant to impacts. PVC strength enhancers come into play at this point; They are used in many manufacturing areas such as pipes, hoses, wall panels, ceilings, flooring, packaging, films and sheets, exterior cladding, windows, doors, and edges.



Acrylic Impact



MBS Impact



CPE Impact



Pigments

Pigments are organic or inorganic particles added to the polymer base to give a certain color to the plastic material. Various pigments are available in the plastic industry and are referred to as coloring agents. When choosing a pigment; the desired tone and desired color depth, environmental laws and cost factors should be taken into consideration. The expected qualities in the production of pigments are; resistance to ultraviolet rays, heat stability, toxicity, color durability, transparency or opacity, resistance to alkalis and acids, and reactions between pigments.



Titanium Dioxide



Optical Brightener



Ultramarine

APPLICATION AREAS



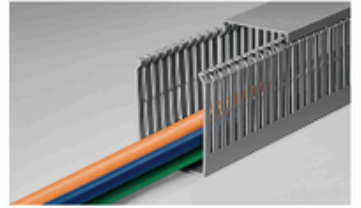
Door - Safe



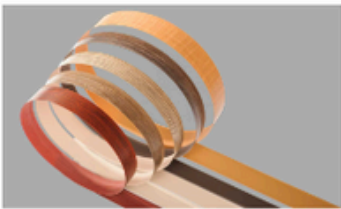
Paneling



Profile - Lath



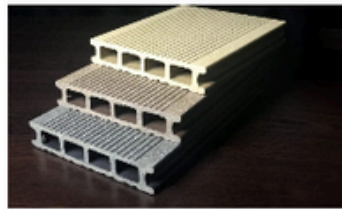
Cable and Cable Duct



Edge Band



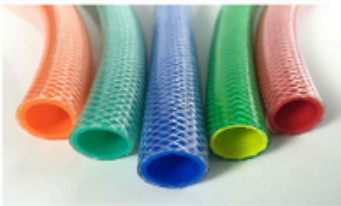
Plate



Deck



Medical



Hose



Household Appliances



Wick - Gasket



Shoes



PVC CHEMICAL CONSULTANCY



Professional Chemistry Consulting for Your Production Processes

Although the production process may seem like a physical activity, it actually starts long before the machines start moving. The chemical recipe to be put forward regarding the product to be manufactured is very important and valuable. It requires serious work and knowledge. Incorrect prescription actually leads to difficult and confusing situations to detect later regarding the production processes. For this reason, getting professional support is the first and most correct step you can take regarding your production. As Secan Kimya, we offer our knowledge and experience to the service of your production processes with great sensitivity.



Knowledge



Experience



Sensibility



Customer
Satisfaction

Green Manufacturing



Green Manufacturing

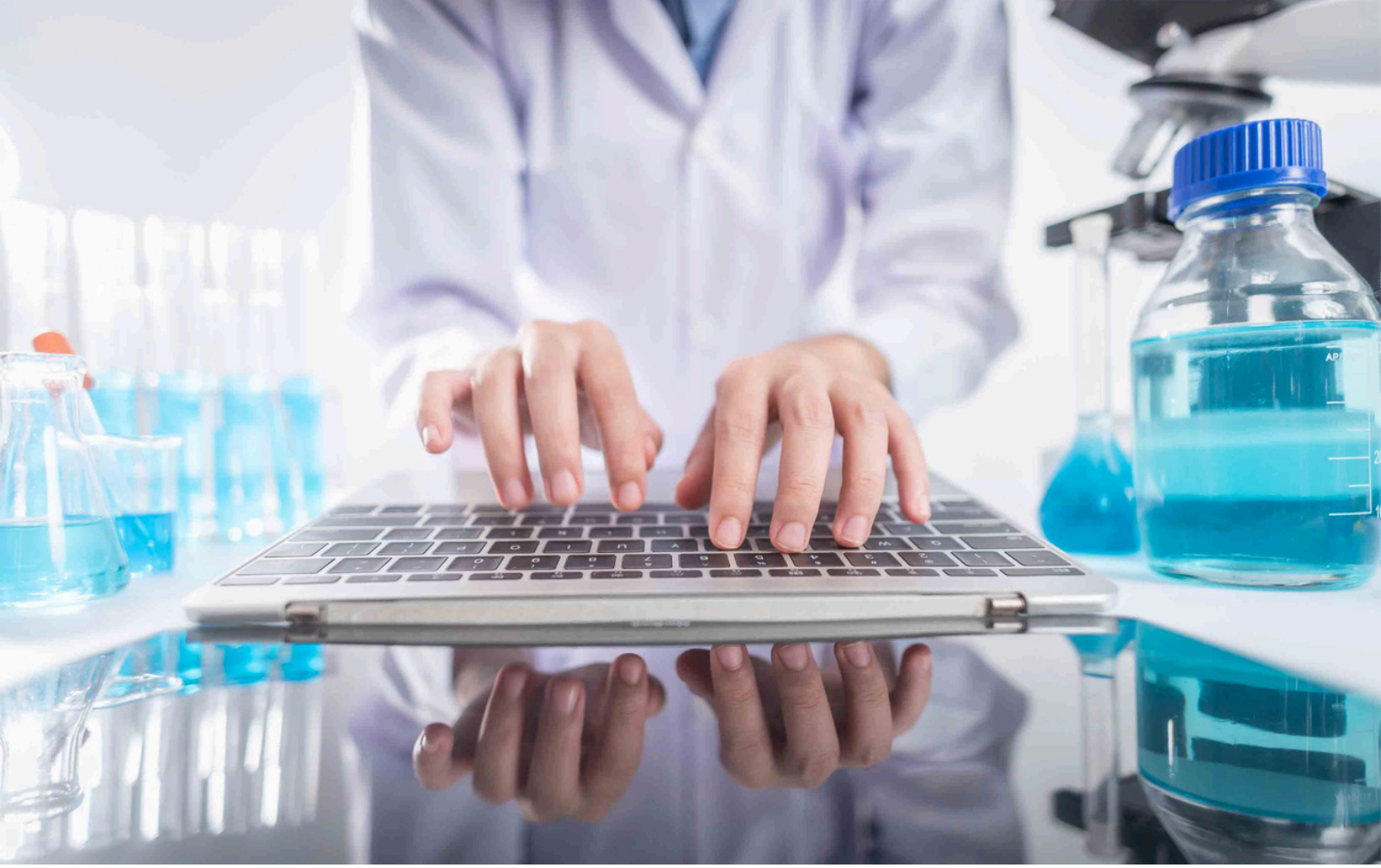
Necessary guidance and products for your production processes to comply with environmental policies.

In line with the European Union Green Deal Regulations and in terms of commitment to an environmentally friendly production approach, principles that protect people and nature in production processes are very important. As Secan Kimya, we are here for you with our chemical solutions to ensure that your production policies support green production.



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