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sefa CHEMICALS

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the
strongest
of
earth

the strongest
of earth

About Us



Our company entered the sector in 1972 as a furniture workshop under the name of "Birlik Çelikler"; with its mindset that adopts innovation as a principle, it has reached today as a company with approximately 50 years of experience, in the light of technological developments.

Its name is Sefa Kimya A.Ş. as in Turkey and was able to announce all over the world, supported by prospective studies of the structure as a product, the more value every day, and the country continues to add to its employees.

With the innovative steps it has taken since its establishment, it still maintains its leading and innovative status, producing high quality products that it has reached in a short time, by introducing various unknown products in the field of industrial adhesives.

Today, in its integrated facilities with modern technology, it offers adhesive solutions in many different areas, especially foam adhesive, from furniture to upholstery, from shoes to the automotive sector.





The Sefox of the World

WORLD'S SEFOX IN 60⁺ COUNTRIES

Sefox Adhesives, which is one of the leading adhesive manufacturers in the world, exported directly in more than 60 countries of the world, has gained an important place in the sector with its high quality and superior performance. Non-flammable Sefox Adhesives exhibit a fast and strong hold thanks to their high strength performance. An important part of the companies operating in the furniture and mattress industry and giving importance to quality have the distinction of being Sefox customers. Sefox is an effective solution for the healthy adhesion of the products and to prevent odor problems in the end user. The fact that Sefox products are non-flammable makes our brand one step ahead in terms of occupational health and safety. Sefox Adhesives, which do not compromise on quality in the use of raw materials, give confidence to their customers thanks to the high quality raw materials imported from all over the world. In Sefox user companies, the problems caused by the adhesive are reduced to zero and the customer complaints of the user companies in this direction come to an end.



**ADHESIVE
YAPIŞTIRICI
ADEZIV
КЛЕЙ**

ABOUT ADHESIVES

Viscosity; it gives the measure of a substance's internal resistance to flow. This value under the same conditions; it indicates that the product with high value is thick flow, while the product with low value is thin flow.

Open time; it defines the time of flight of the material that carries the part that has the feature of connecting the two surfaces to each other. Adhesive applied surfaces must be combined within this period, which differs for each product group and is included in the technical data sheets. Otherwise, the adhesive will not be able to sheet its bonding function by losing its binding properties.

Heat/Temperature Resistance; it expresses the temperature value of the final product to which the adhesive has been applied. Indicates that deformation may occur on adhering surfaces when the said value is exceeded or exposed to lower values.

Softening Point; this definition, which applies to hotmelt adhesive groups, refers to the temperature at which the adhesive begins to melt. After this point, it only gives information that the adhesive will dissolve.

It is possible to increase the performance of adhesives by storing, using and applying them by paying attention to the principles in the technical data sheet (TDS).

- Application Temperature
- Ambient Temperature
- Ambient Air Flow
- Open Time
- Storage Conditions
- Clean Application Surfaces

attention to these issues will result in maximum efficiency from the adhesive.

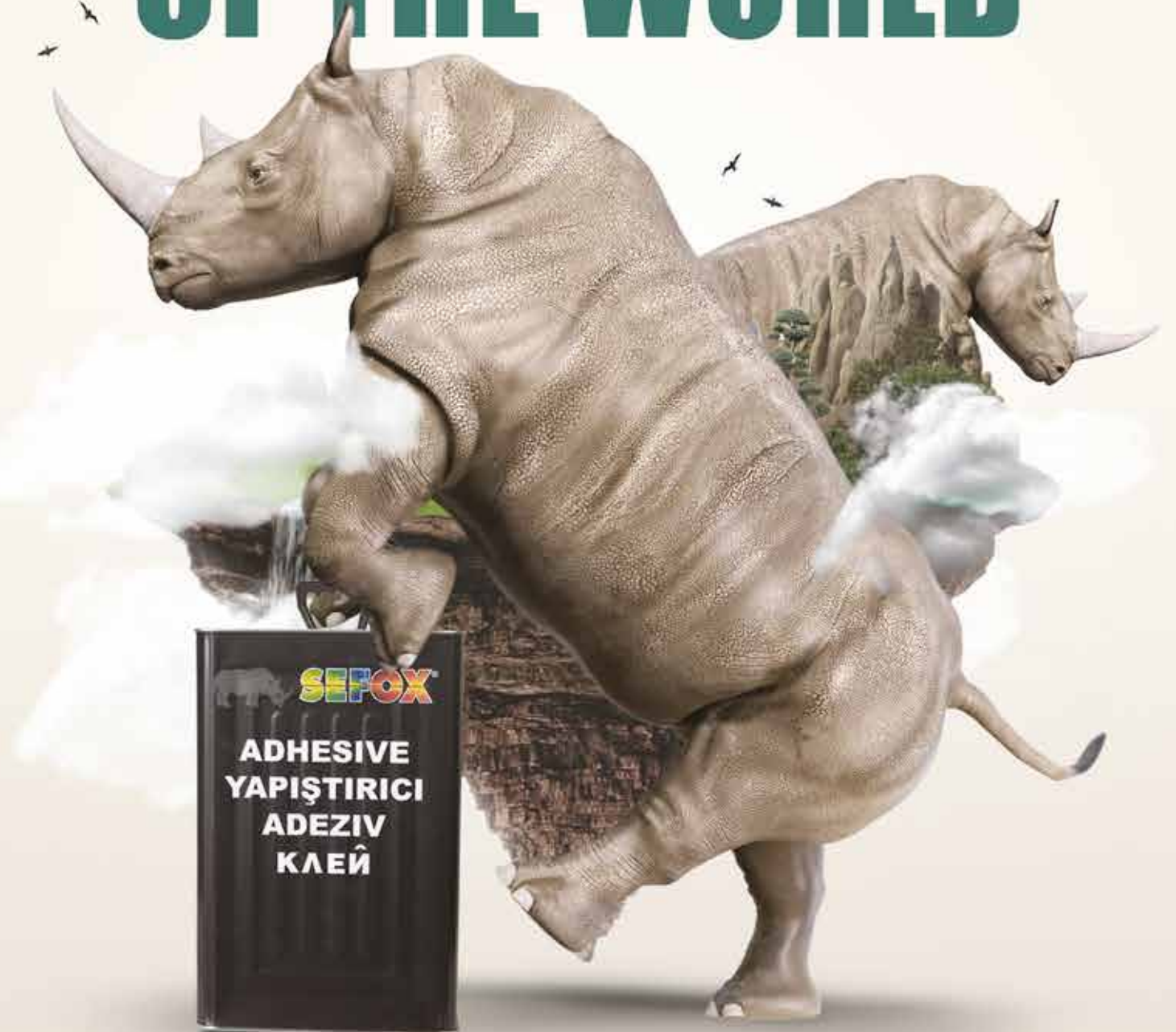
Our adhesive systems serve the entire process needed in a wide variety of industrial sectors, from the manufacturing of components to their assembly.

While Sefox technologies make your products lighter, safer and more durable, our expertise goes beyond developing high-performance, multi-purpose adhesives.

Today, Sefa Chemicals is moving forward with all its strength and expert staff in order to offer even more intelligent and practical solutions than the adhesive systems it has brought to the sector.



THE STRONGEST OF THE WORLD



Sefox is a leader with its highly effective solutions worldwide. It offers customer-specific solutions with its adhesive family and strong innovation. It leads the markets of today and the future with its unique portfolio that includes strong brands.



Sefox Adhesive Family

Sefox® Adhesive technologies are a strong brand with effective and innovative solutions in the domestic and global market. With our group of four main adhesives, including strong innovations in the adhesive field, customer-specific solutions and original adhesive strength, we lead the markets of the future as well as in the past.

While introducing many of our industrial products to the market, we combine innovation and technology leadership with our relationships with our customers. We improve our domestic presence and expertise to deliver best-in-class services and leading technologies to consumers and customers around the world.

Our industrial product portfolio; Sefox Solvent containing cold group solvent-based adhesives, Sefox Hotmelt containing hot group melt adhesives, Sefox Aqua containing water based adhesives and Sefox Aerosol, which we offer as a spray, are grouped under four main technologies.

We work with major brand manufacturers to develop innovative solutions for the production of consumer products in the mattress and furniture industry.

Pocket spring, foam, wood, paper, packaging and in the field of consumer products adhesives together with many industrial areas, our customers; we provide superior system solutions, comprehensive innovative adhesive portfolio and technical service with our professionals specialized in the industry.

Our consumer and general industry business offers a wide range of products for private consumers and professionals in the field of adhesives.



Solvent Based

Based on rubber, which contains a large amount of solvent as a solvent defined adhesives. When the main binder, the solvent that carries the substance, evaporates, the adhesive turns from liquid to final solid and hardens physically. Sefa Chemicals uses solvents that do not have toxic effects instead of toluene and other carcinogenic solvents, which are frequently preferred in the sector and are highly harmful to human health.



Hotmelt

Solvent-free formulations that become liquid after melting at a suitable temperature and are applied to surfaces to be bonded in various ways. Since hotmelts have the ability to gain strength quickly after cooling, the materials must be combined in open time. The element that carries the task of hotmelt adhesives is heat.



Water Based

These are adhesive systems that provide adhesion by physically hardening when the water, which acts as the main binder material, evaporates. They are defined as environmentally friendly adhesives because they contain water in their structures.



Aerosol

Sefox Aerosol adhesive is suitable for paper and fabrics, polyethylene, foil, polystyrene products for metal and plastic surfaces. Rubber, artificial and genuine leather (used in furniture repair), used for wood and small-scale automotive repairs. The wide range of application depends not only on the properties of the composition, but also on the colorlessness of the adhesive: It forms a transparent layer after drying, does not leave stains and marks, does not cause deterioration of materials.

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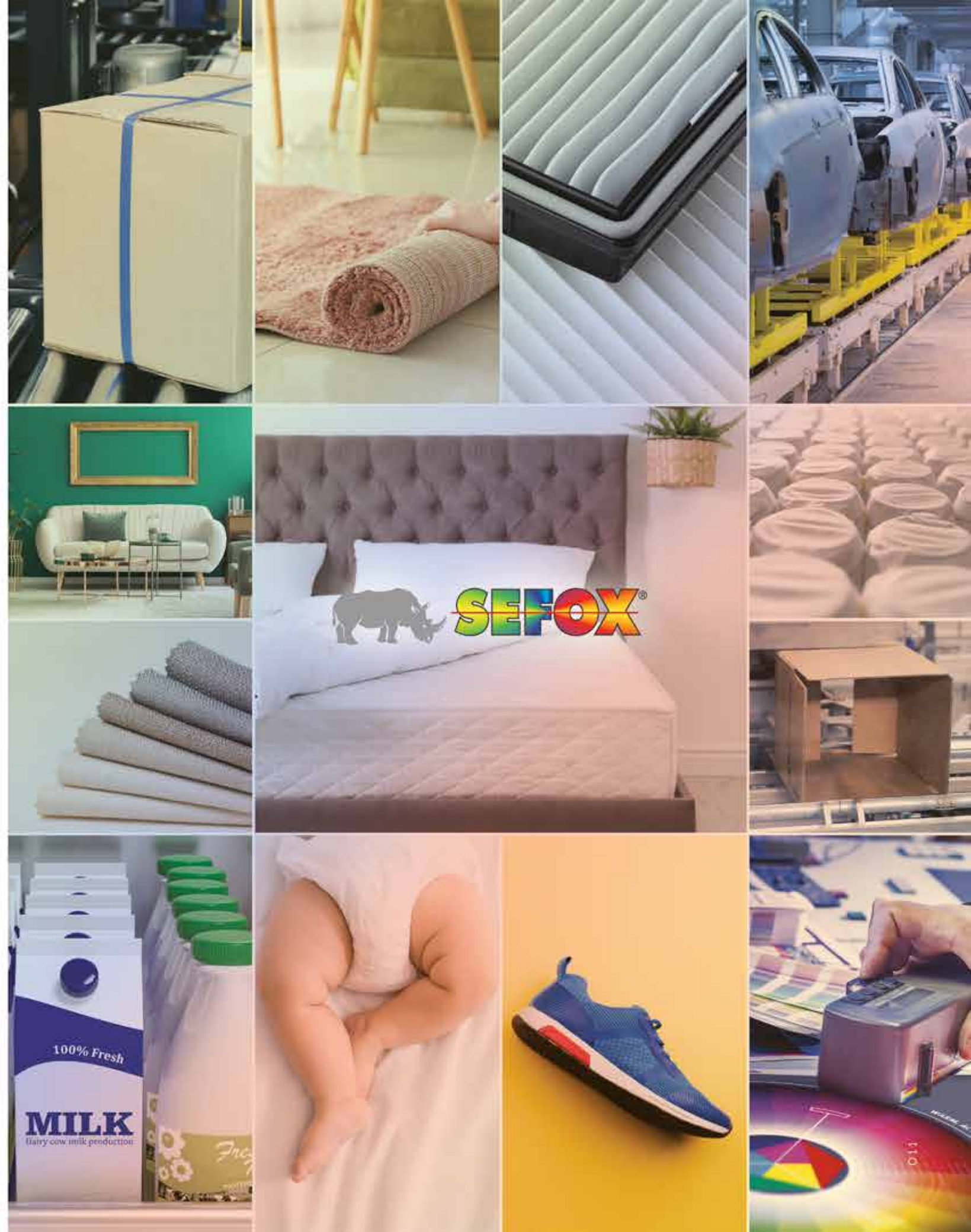
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SOLVENT BASED ADHESIVE



Solvent based adhesives that harden physically, also known as binders, are dispersed into an organic solvent. When the solvent evaporates, the adhesive turns from liquid to a final solid, pure binder remains.

Sefa Chemicals, which is frequently preferred in the sector and uses solvent that do not have toxic

effects instead of toluene and other carcinogenic solvents, which are very harmful to health.

Solvent based adhesives are preferred because of their properties that drying time can be adjusted as desired, bonding strength, resistance to humid environments and ease of application.



FAST

Fast Production Power Of Maximum 3 Minutes With Improved Formula



AND STRONG BONDING!

This time depends on the amount applied, ambient temperature and air flow. Surfaces applied with Sefox 1111/1212 should be joined within 3 minutes.



APPLICATION TECHNIQUES

It is applied with spray gun (paint gun), roller and brush.

Spray gun pressure is recommended to be 4-6 bars in application. Application temperature min. 18°C-max. 25°C. The surface to be applied must be dry, clean and free from oil.



APPLICATION AREAS

Sefox Adhesives can be used for various foam, wood, felt, fabric, metal, plastic general purposes.



STORAGE CONDITIONS

Sefox Adhesives can be stored for about 12 months in a cool environment. It should not be exposed to direct sunlight.



OPEN TIME

Foam-foam for single surface application; it can be applied in 1-2 seconds up to 3 minutes.



PACKAGING

3 kg / 15 kg / 240 kg
1200 kg.

HOTMELT ADHESIVE

Sefox Hotmelt Adhesive With High Performance

Hotmelt adhesives are high performance adhesives that are produced in 100% solid form and contain no solvents. Hotmelt adhesives are adhesives that are respectful to the environment and human health with their usage areas that have been used in many production processes and expanding day by day.

Hotmelt adhesives; it does not require drying process after application, provides continuous, automatic and high-speed operation, offers environmentally friendly solutions with its solvent-free feature, does not have problems such as flow / leakage during storage / transportation due to the solid structure of the products, good adhesion strength and flexibility, and the wide range of products that provide adhesion with materials are the main reasons for the increasing use of this adhesive type.





Polyolefin Based Hotmelt Adhesives

Hotmelt adhesives are solvent-free formulations that become liquid when heated, and are defined as melt-applied adhesives. In order to obtain the highest holding power, the applied surfaces must be joined within an open time. Hotmelts have the ability to gain strength quickly after cooling.

They are thermoplastic adhesives that harden physically in their final chemical state.

They are defined as hotmelts adhesives produced by using Polyolefin (or its derivative, Amorphous Poly Alpha Olefin) polymer, also known as PO, as raw material,



APPLICATION TECHNIQUES

They can be easily applied in one and two directions with an automatic hotmelt machine. Application temperature should be in the range of min.150°C - max 190°C. Care should be taken that the application surfaces are clean, oil-free and dry.



APPLICATION AREAS

Sefox Adhesives are special adhesives used to bond various PP, PE and foam, paper, plastic films and fabrics, and used in the spring mattress industry.



STORAGE CONDITIONS

Sefox Adhesives can be stored up to 12 months in cool environment. It should not be exposed to direct sunlight.



PACKAGING

It can be packaged in 12kg / 22 kg blocks or as pillows with 20 kg craft bags.



HOTMELT ADHESIVE

Sefox 8000 Series EVA Based Hotmelt Adhesive



Ethyl Vinyl Acetate, shortly EVA-based, this type of adhesives is the most common type of adhesive. They are preferred by their flexibility, optimum drying time, color tone variety advantages, as well as ease of use and long-term durability. Although the quality of this type of adhesives that can be manufactured as filled is not directly proportional to the filling ratio, it has a close relationship. As the filling ratio increases, the adhesive density increases, which directly affects the consumption amount. Unfilled product varieties are more advantageous in the long run compared to filled products as they will be used at lower rates and offer high performance.

The main reason why EVA-based adhesives, which are highly consumed with the options they offer to various sectors, are preferred and used so much is that they are considered as affordable adhesives with their cost-effectiveness.

In various bonding applications, the optimum formulation should be specially developed according to the surfaces to be bonded (polarity and surface roughness), application techniques and the environmental conditions serving the end users.



APPLICATION TECHNIQUES

They can be easily applied in one and two directions with an automatic hotmelt machine. Application temperature should be in the range of min.150°C - max 190°C. Care should be taken that the application surfaces are clean, oil-free and dry.



APPLICATION AREAS

Sefox Adhesives are used for pocket spring, carpet industry, filter, printing and strapping applications.



STORAGE CONDITIONS

Sefox Adhesives can be stored up to 12 months in cool environment. It should not be exposed to direct sunlight.



PACKAGING

It can be packaged in 12kg / 22 kg block/ granules or as 20 kg craft bags.

Sefox 9000 Series Rubber Based Hotmelt Adhesive



At first you may wonder how to use natural rubber even as glue. They are defined as hotmelt adhesives produced by using Styrene Butadiene rubber, also known as SBS, as raw material.

Natural rubber consists mainly of long polymer chains. If mixed with resin (to make it tacky), you'll get an incredibly flexible adhesive due to the length and mobility of these polymer chains. Adhesive tapes containing natural rubber take advantage of these natural rubber properties; the adhesive is mobile at low temperatures where other substances solidify and become brittle remains and entanglement of polymer chains creates high internal strength for the adhesive mass.

The type of rubber used, the resins mixed and other ingredients determine the performance of the natural rubber adhesive. In general, natural rubber properties offer many advantages in adhesive tape applications. The first is its exceptional release adhesiveness, or "grip", even on substrates with low surface tension as well as polar surfaces.

The latex of the rubber tree makes the adhesive tape "faster". This explains why natural rubber adhesive tapes and adhesives are often used and popular, and why they have many applications from cloth tape to packaging tape. And that's why many adhesive tapes that securely seal our packages contain milk from the rubber tree.





APPLICATION TECHNIQUES

They can be easily applied in one and two directions with an automatic hotmelt machine. Application temperature should be in the range of min.140°C - max 170°C. Care should be taken that the application surfaces are clean, oil-free and dry.



APPLICATION AREAS

Sefox Adhesives; they are used for spring mattress industry, furniture and upholstery industry, package bonding, hygiene sector and floor-to-floor application.



STORAGE CONDITIONS

Sefox Adhesives can be stored up to 12 months in cool environment. It should not be exposed to direct sunlight.



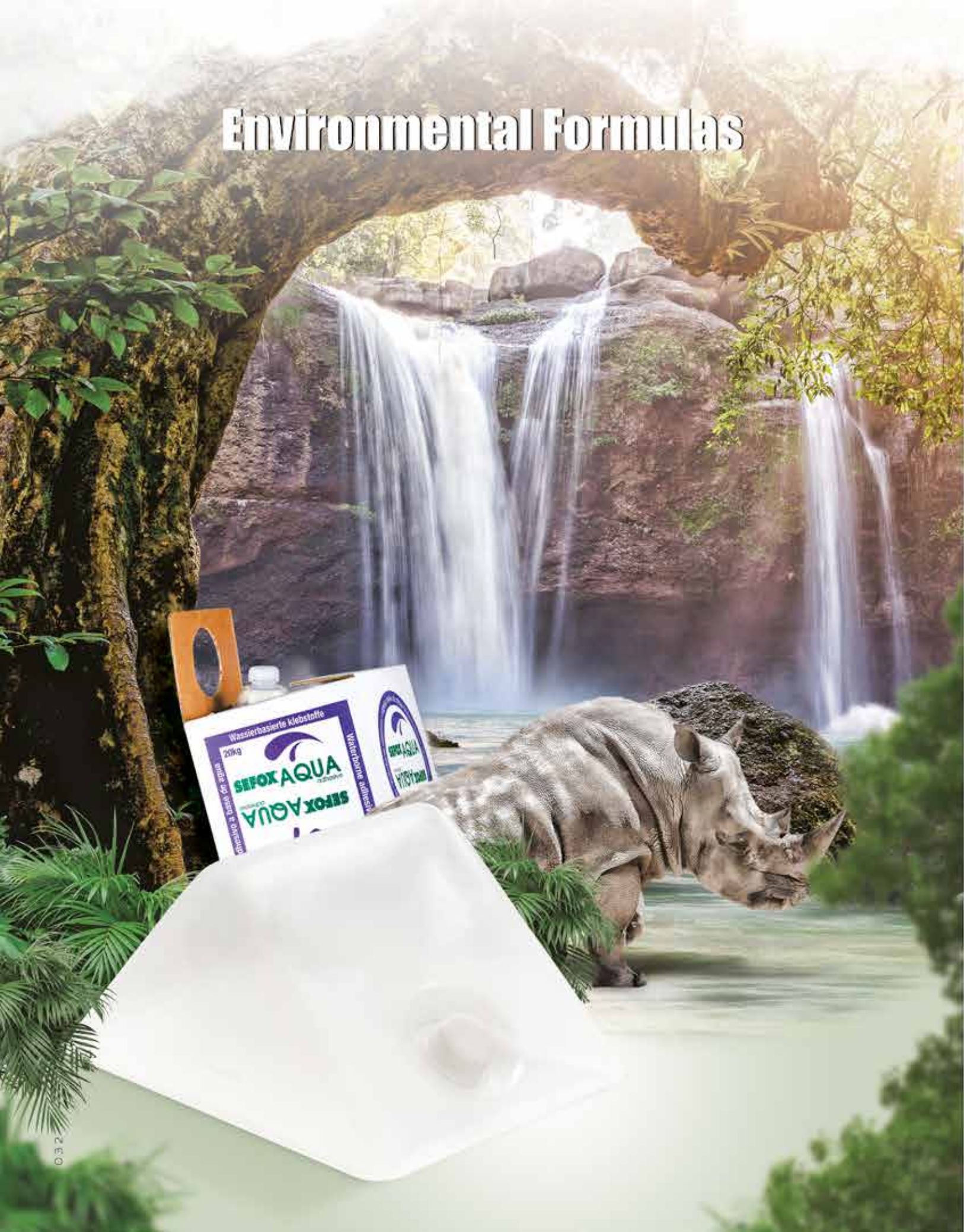
PACKAGING

It can be packaged in 12kg / 22 kg blocks or pillows.

Water Based Adhesive

Water-Based adhesives use water as a carrier, making the adhesive less irritating and less flammable on human skin. Sefox Water-Based Adhesive contains substantially water as solvent material. Because the evaporation rate of water is slower than the solvent, it causes longer drying time for the adhesive.

Environmental Formulas



APPLICATION TECHNIQUES

By spraying or by roller. The surface to be applied must be clean, oil-free and dry.



APPLICATION AREAS

Sefox Adhesives show instant high strength when applied to soft group foams, polyurethane, latex, fabric, cardboard, plastic, wood, MDF and other porous / non porous surfaces, and they are environmentally friendly adhesives.



STORAGE CONDITIONS

Sefox Adhesives can be stored in the temperature range of +5°C-25°C. It can be stored until 6 months after the production date.



AEROSOL SPRAY ADHESIVE



Sefox Aerosol adhesive is a universal fixing compound suitable for bonding multi-purpose materials, including many. The composition offers high adhesion, fast working time and recipes of use. A feature of this composition is the release form. It is sold as a spray in cylinders. To apply adhesive to the surface, there is no need to acquire tools (brush, roller), as well as having professional skills. Spray jet, high quality bonding power, penetrates to hard-to-reach places. Because of the dispersion and the large spray coating, an economical adhesive consumption is also important.

INSTANT, SUPER EFFECT



PRACTICAL SOLUTION FOR STICKING WITH IMPROVED FORMULAS

Sefox Aerosol Spray achieves the strength of the solvent-based product sprayed with compressed air thanks to its high solid content. With its practical and comfortable use, one Aerosol Spray and a standard mattress are layers can be glued.



DISCOVER THE POWER INSIDE!



SEFOX IN SECTORS

WOODEN, MODULAR FURNITURE AND UPHOLSTERED FURNITURE INDUSTRY

Sefox comprehensively meets the needs of many industries by offering a wide variety of adhesives with innovative adhesive technologies.

Adhesive consumers need to respond to product reliability, functioning and occupational safety based on constantly faced challenges and the increasing demands of many industries, especially the furniture industry. Due to current trends within the whole value chain, innovation becomes mandatory.

Interest in innovative and customized designs in living spaces is increasing day by day. For this reason, health-

protecting ingredients should be considered in the preferences of elements such as furniture. Industrial production procedures are increasingly being automated and combined.

Therefore, flexible and durable adhesive technologies with reliable content that increase efficiency in the production process are required. At the same time, the final product is expected to meet ecological standards.

Sefox's adhesive technologies can easily meet these versatile demands and high standards.





It is seen that the upholstery, furniture and mattress-foam industry, which generally requires manual labor and a wide range of products, has been using Sefox Adhesives for many years. Innovative developments for our adhesives are constantly ongoing, following the increasing demands of the mattress industry for efficiency, health, comfort and safety.

Sefox Adhesives are used in standard applications of the wood and furniture industry, edge banding, profile wrapping, flat lamination and coating, membrane pressing technology, post-shaped frames and carcass bonding, and in the manufacture of 3D furniture and doors.

Correct determination and use of Sefox Adhesives according to the product to be produced is very important.



OUR PRODUCT RANGE SUITABLE FOR WOODEN, MODULAR FURNITURE AND UPHOLSTERED FURNITURE INDUSTRY



Specially developed for edge banding machines, low / medium viscosity, synthetic polymer based, granular structure, yellowish transparent and whitish transparent edge banding adhesives that do not leave any adhesive marks on the mattress edge. Recommended for high metric performance and quality. It has a very high temperature and humidity resistance value.

These types of adhesives, which are generally manufactured on EVA-based, constitute the most common type of adhesive. Sefox 8000 series hotmelt adhesives are processed in the form of blocks and granules and are generally used in pocket spring.



They are used in bonding processes and can also be processed in granule form in large packaging systems. The adhesives group containing natural rubber take advantage of these natural rubber properties; the adhesive remains mobile at low temperatures, where other substances solidify and become brittle and the polymer chain entanglement creates high internal strength for the adhesive mass.



These adhesives generally gain bond strength when dried and in some cases cured (cross-linked). Sefox solvent-based adhesive can be classified as wet or dry bonding.



Sefox Aerosol adhesive is a universal fixing compound suitable for bonding large quantities of materials, including highly textured ones. The composition shows high adhesion, fast setting time and ease of use.

APPLICATION TECHNIQUES

Sefox Solvent Based Adhesives can be applied on a single surface as a thin layer (if desired, as a double surface) using a spray gun with 4-6 bar atmospheric pressure or automatic adhesive systems. After application, it should be waited for a while until the solvent evaporates. This time depends on the amount of adhesive applied, ambient temperature and air flow density. Surfaces where the adhesive is applied must be covered within 3 minutes. The merging should be done without errors, as no correction is possible.

APPLICATION AREAS

Sefox; it is used for bonding foam-foam, foam-wood, foam-felt, foam-fabric, foam-metal, foam-plastic, felt-felt, fabric-fabric in the furniture industry, spring, mattress industry and office furniture industry.



MATTRESS AND SPRING INDUSTRY

Good mattresses are the basis for a restful sleep and rejuvenation, and they are more than just a piece of furniture. Modern adhesives are especially suitable for mounting bases and mattresses frames plays a leading role in mattress production. A high adhesion during production and later use, such as in the rapid pressing and rolling process strength is extremely important.

Different types of materials in mattress production, the number the remaining layers are laminated together. Adhesives used in application must be highly flexible and adhere to a wide variety of materials. This results in lower energy consumption and faster mattress production processes.

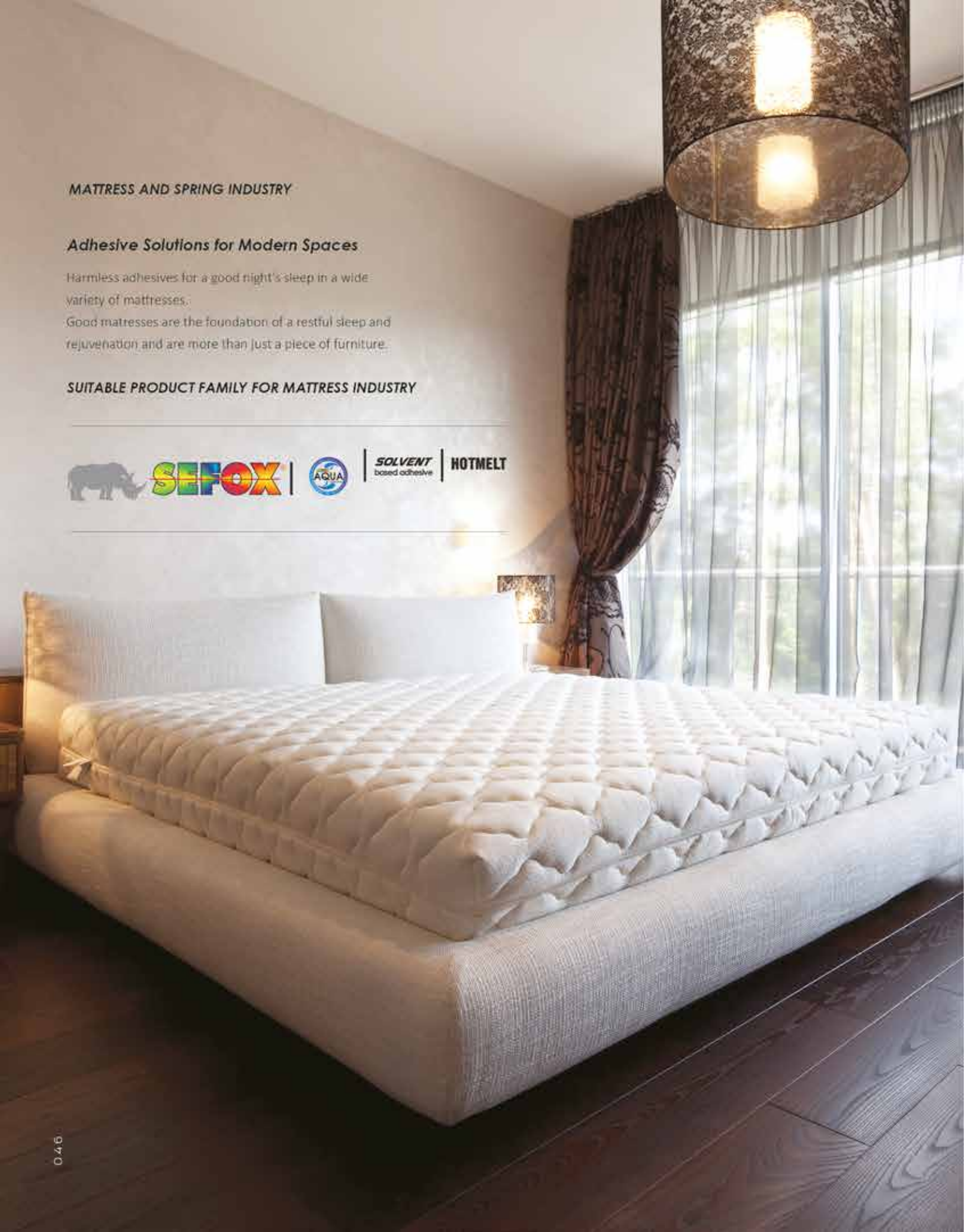


MATTRESS AND SPRING INDUSTRY

Adhesive Solutions for Modern Spaces

Harmless adhesives for a good night's sleep in a wide variety of mattresses.
Good mattresses are the foundation of a restful sleep and rejuvenation and are more than just a piece of furniture.

SUITABLE PRODUCT FAMILY FOR MATTRESS INDUSTRY



USAGE AREAS / MATTRESS



Mattress and Spring Industries; offers a wide range of products to customers who are looking for the most suitable mattress for them. Different foam and cover fabrics in the sector are completed by choosing the right adhesive. Among the adhesives that are generally applied with spray guns or automatic application systems, Sefox are just a few of the reasons why they are preferred in the sector with its ideal spraying performance, holding ability and high thermal resistance.



The Strong Choice of Printing Houses; Sefox Hotmelt



Structural change is a key expression of the printing industry. Automated and digitalized production processes at an ever-increasing pace, internet replacing print media, increasing competitive pressure with decreasing order volume.

Industrial adhesive manufacturers have to provide the printing industry with products that are suitable for an increasing variety of applications and increasing speeds. With its vast expertise from paper manufacturing to coated surfaces, Sefox successfully supports its customers with innovative solutions for all adhesive applications.



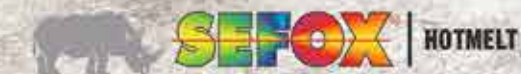
After a book block is bound, the remaining step is to put an adhesive on its back with the help of nozzles or rolls implementation. For a successful bonding result there are several issues to consider. Is the adhesive tank open? What is its temperature? How long will the adhesive remain in molten state? What is the amount to be used and the feed rate?

Long before the bonding for production purposes, we analyze the production process to identify the customer's specific needs, offer support during the application technology and planning phase, and test the adhesive on the materials to be bonded to ensure the most suitable adhesive is selected.

USAGE AREAS

PRINTING INDUSTRY

SUITABLE PRODUCT FAMILY FOR PRINTING INDUSTRY





For The Perfect Pocket Spring Systems;

Sefox eva based adhesives

Sefox produces eva-based adhesives for the upholstery and mattress industry with its superior experience. We serve the production of sofa, sofa and mattress furniture with synthetic, non-flammable and high solid content foam adhesives.

In order to ensure high adhesion strength with the right adhesive, we offer our customers different and strong adhesive with Sefoxmelt. High solid ratios, optimum open time, single or double sided application and maximum temperature resistance are just a few of the advantages we offer.

As a leading adhesive manufacturer, Sefox has many years of experience in the furniture, mattress and spring industry, offering all kinds of solutions for all production environments, applications and adhesive-related questions. Providing a comprehensive service, Sefox supports its customers with a wide range of services for the entire bonding process.

Long before the bonding for production purposes, we analyze the production process to identify the customer's specific needs, offer support during the application technology and planning phase, and test the adhesive on the materials to be bonded to ensure the most suitable adhesive is selected.



SUITABLE PRODUCT FAMILY FOR POCKET SPRING INDUSTRY



USAGE AREAS
AUTOMOTIVE



SUITABLE PRODUCT FAMILY FOR AUTOMOTIVE INDUSTRY



AUTOMOTIVE INDUSTRY



Sefox Adhesive bonds door panels, fascia, blocks and other interior components faster, simpler and better quality.

As a result of research, our Sefox Adhesives provide the automotive industry's smartest and fastest bonding solutions.

Sefox is ideal for use in vehicle door panels. It is also used for bonding flexible, synthetic coatings in vehicle interiors.



USAGE AREAS

STRAPPING

Stronger, Safer, and More...

Band-shaped straps made of various materials such as steel, polyester, polypropylene wrap and hold the products together to protect them during storage and transportation. They are manufactured to protect your cargo by wrapping the products during loading and fixing on pallets, crates, freight wagons, open box trailers.

It reduces the amount of damage, loss rates and costs that may occur in the product during shipping. It protects the product, increases cargo durability and saves space. Sefox Hotmelt offers high performance products with ideal drying time for the production of straps used in transportation, loading and fixing processes.



Strapping reduces the amount of damage, loss rates and costs that may occur during shipping. Together with the product, the performance of Sefox Hotmelt adhesives, which are specially formulated for the production of straps that protect the employees during loading and unloading, take product durability one step further.

While introducing many of our industrial products to the market, we combine innovation and technology leadership with our relationships with our customers. We improve our domestic presence and expertise to deliver best-in-the-field services and leading technologies to consumers and customers around the world.



USAGE AREAS

CARPET INDUSTRY



Whether classical or modern, Sefox Hotmelt adhesives have been successful for many years in all kinds of bonding applications and has been reliable.

In the carpet sector, we provide high performance with our environmentally friendly products that we produce for all carpet applications and add quality to the production time of our customers.



USAGE AREAS



HYGIENE / DIAPER

Safety and comfort are essential features every diaper consumer is looking for. Parents, peace of mind for their baby and high quality guaranteeing no leakage focuses, Sefox Hotmelt includes a product line for elastic band and construction bonding in the manufacture of diapers for the hygiene sector.

The rubber-based Sefox Hotmelt products, which are preferred in baby diaper manufacturing, have many advantages as well as elasticity stands out with its feature.

Sefox Hotmelt used in the manufacture of Baby Diapers is elastic glue and multi-purpose glue.

SUITABLE PRODUCT FAMILY FOR HYGIENE INDUSTRY

Whether he crawls, runs, or sleep soundly. Our smart adhesives ensure that your diapers respond properly to every move to keep babies dry and comfortable.

In the selection of adhesive, which is one of the most important parameters of the diaper industry, Sefox Hotmelt shows the desired performance with its high quality and strong strength and is used as diaper adhesive.

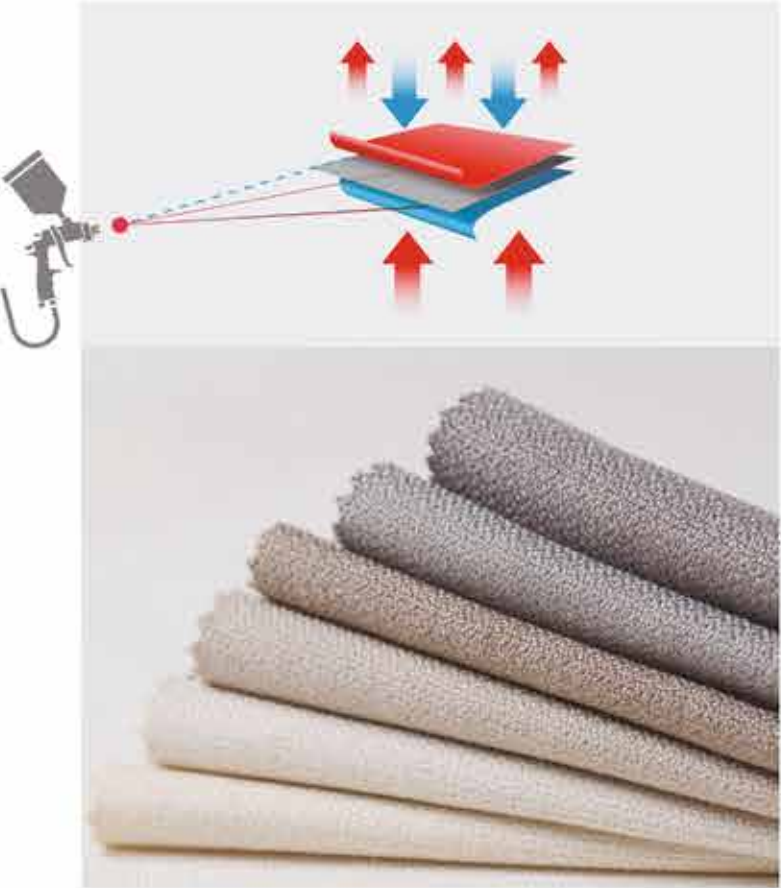
Continuing their production with a team of experts in their field, Sefox recommends that they first test their hotmelt adhesives as samples in their own production sites and guarantees that the best results will be encountered if the necessary conditions of use are established.

The Power Behind the Babies



Sefox Hotmelt group is also ready to use for lamination applications, it contains adhesive solutions with high adhesion strength. In textile lamination applications, the fabric to the fabric, the fabric to the foam, the fabric to the stabilizer, the foam to the tape, etc. used in bonding works.

Every field of the textile industry has its own special needs in terms of production technology. Functions and requirements of product components supporting adhesives are indispensable. Formulated with the most modern raw materials, Sefox's strong and innovative adhesive products provide ideal processing, it provides reliable processes thanks to its properties and energy efficiency.

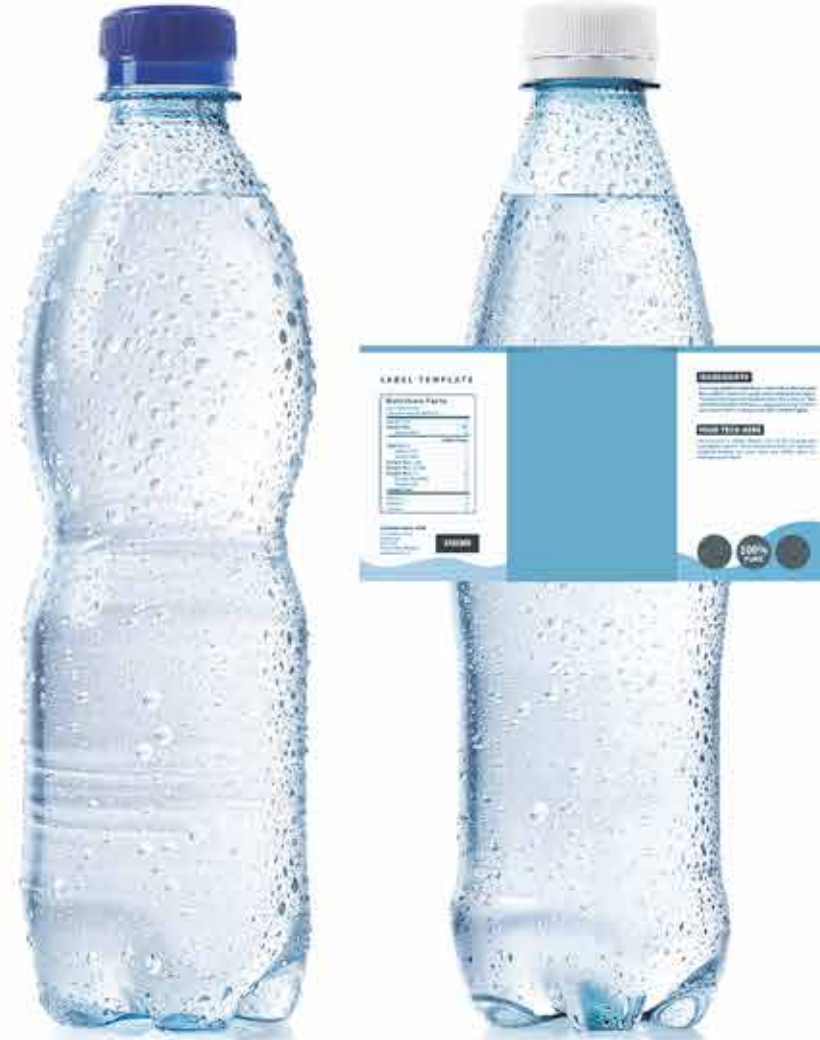


SUITABLE PRODUCT FAMILY FOR TEXTILE LAMINATION AND LEATHER INDUSTRY



USAGE AREAS

BEVERAGE PACKAGING INDUSTRY



In the packaging industry, the use of hotmelt adhesives has been increasing in parallel with technological developments in recent years. Considering the cost and performance of adhesive types, Sefox Hotmelt adhesives offer advantages such as fast drying and high quality bonding performance. In addition to Sefox Hotmelt adhesives used in box sealing; our company produces hotmelt adhesives that appeal to many sectors, especially furniture.



SUITABLE PRODUCT FAMILY FOR FOOD AND BEVERAGE PACKAGING INDUSTRY



USAGE AREAS
FILTER INDUSTRY

Filters in the vehicle are consumables. Air, oil and cabin filters should be changed at regular intervals.

With Sefox Hotmelt adhesives, you can easily adhere replacement filters and filters placed on vehicles by automobile manufacturers.



SUITABLE PRODUCT FAMILY FOR FILTER INDUSTRY



USAGE AREAS

SUITABLE PRODUCT FAMILY FOR CARTON SEALING INDUSTRY



CARTON SEALING INDUSTRY

Sefox Adhesives have developed high quality solutions for box and carton sealing applications, specially formulated for low temperature application. Sefox Adhesive types which is preferred for closing corrugated cardboard, cardboard and tray boxes in the packaging sector are characterized by their excellent adhesion properties and ease of application.

Sefox Hotmelt adhesives which have different chemical bases in a wide range of products, can be used comfortably in different temperature applications, can be easily used in soft shaping, cardboard and wood bonding processes.



SHOE INDUSTRY

Sefox Adhesives have excellent heat resistance and adhesion strength to different surfaces.



Being Fast is in Your Genes!

Sefox Adhesives have been widely used in shoe production for many years to bond various materials and do not compromise their performance in the sector. Sefox offers ready-to-use adhesive solutions with high bonding strength with special formulations for the shoe industry.

In shoe manufacturing, in the bonding of leather, artificial leather, stout leather, sole, upper, insole, welt and textile materials, upper preparation, heel covering and fixing, intermediate work, EVA sole and EVA slippers, bags, belts, leather goods used.

Sefox Adhesives, which never compromise on quality, have assumed the leadership position followed in the market. The trend created by Sefox has also inspired its competitors and paved the way for an increase in quality across the market.

Sefox Adhesives reassure their customers thanks to the high quality raw materials imported from all over the world. In Sefox user companies, the problems caused by the adhesive are reduced to zero and the customer complaints of the user companies in this direction come to an end.

SUITABLE PRODUCT FAMILY FOR SHOE INDUSTRY



PACKAGING



EFFECTIVE METHODS OF USING ADHESIVES

TANK USAGE

Hotmelt Adhesives

It should be filled in small quantities on a regular basis before the tank level drops to half. In order not to affect the characteristics of hotmelt products negatively, it should not be exposed to extreme temperatures. If consumption is low at the application temperature, the tank should be switched to sleep mode after a certain period of time.

TANK CLEANING

Condensation forming under the tank cover should be cleaned regularly. In order for the tank to be long-lasting, it is important not to disrupt the cleaning of the tank, which is determined daily, weekly and monthly.



PUMP SYSTEM USAGE

Solvent Based and Water Based Adhesives

Air pressure in the pump system should be 4-6 bar for solvent-based ones and 1.5-2 bar for water-based ones. Especially in the summer months, the water generated by the condensation of air in the compressor must be drained at certain time intervals.

SPRAY GUN USAGE

Solvent Based and Water Based Adhesives

For an effective gun use, the gun cover must be closed, at the end of the adhesive use, the adhesive products in the gun should be emptied back into its container and the gun should be cleaned and left. For correct application, the nozzle width of the gun should be selected in accordance with the type of adhesive, the application distance should be approximately 30-40 cm to the surface and the gun should be kept at a right angle to the application surface as possible.



SPRAY GUN CLEANING

The maintenance and cleaning of the guns should be done with a cleaning solvent for solvent-based ones. For water-based, gun cleaning can be done easily with water.



HOTMELT USAGE

Different hotmelt products should not be mixed and used, if a different product is to be used, the application should be carried out after the tank is cleaned. Hotmelt products should not be mixed with oil, the products absorb oil and cause it to lose its adhesion.



ADHESIVE STORAGE

For proper and long-term use, it is important to store the adhesive according to the storage conditions. The most suitable storage method is; storage is carried out in a dry and cool environment without exposure to direct sunlight.