

## Mipa Express leads to the perfect base

After having launched Mipa Express Clearcoats for various applications, MIPA now presents a new range of fast-drying fillers for every taste and every situation.

### Drying with light speed

Mipa 1K-UV-Filler makes use of ultraviolet rays for drying. The ready-to-spray product is used directly on the substrate and gives direct adhesion on steel, aluminium or galvanized substrates. Without flash-off time, the necessary drying energy can be given to the filler by using UV-LED-lamps or Hg-lamps or direct sun light. The surface is sandable after only 5 minutes. Mipa 1K-UV-Filler is extremely efficient due to its extraordinary high solid content and its actual unlimited pot life, if UV irradiation is avoided. Easy sandability and best flow make a perfect handling complete. Especially for spot repair or partial painting new dimensions concerning working speed are possible. Independently from weather conditions the complete substrate can be covered with UV-lamps and so no heating costs occur. The product is mostly independent from temperature or air humidity as only UV-light initiates the drying process.

### More performance in the spray booth

Without any additional device Mipa 2K-HS-Express-Filler FX 5 is conventionally processed. By using a mixing ration of 2:1 with Mipa 2K-HS-Express-Härter HX 25 and 10 % Mipa 2K-Express-Beschleuniger instead of thinner several coatings can be applied without in between flash-off. While drying at room temperature

needs – depending from environmental conditions – around 25 minutes, drying in the spray booth takes only 10 minutes with a temperature of 40°C and only 5 minutes with a temperature of 60°C. Cooling time to be added. Mipa Vorreiniger Express provides an enhanced adhesion on bare metal. Mipa 2K-HS-Express-Filler FX 5 can be used even on angled parts without additional investments in new drying devices, having common spraying conditions, which makes it to the conventional alternative to UV-drying products having similar processing speed.

### The economic express

In case there is some more time for filler work at the body shop, Mipa 2K-HS-Express-Filler FX 4 is the perfect value-for-money solution. With a common mixing ratio of 4:1 with Mipa 2K-Härter H 5 and 15 % Mipa 2K-Verdünnung the filler is ready to sand after around 35 minutes at room temperature and after only 10 minutes oven drying with 60°C. Here too, Mipa Vorreiniger Express provides an enhanced adhesion on bare metal.

In combination with other efficient Mipa Car Refinishing products the Mipa Express-Fillers give a new boost to the body shop. Never before it was possible to work at higher speeds as precise and as comfortable than today. ■



Light, universal, easy – three advantages within one product – Mipa P 16.

## Light and universal

The aim of universal putty is to cover all putty work with only one product. MIPA meets this demand with the new product Mipa P 16 which even offers further advantages.

Mipa P 16 ensures universal adhesion on all metal surfaces as well as on aluminum and galvanized substrates. So high filling power is achieved with only one single step. At the same time, a smooth surface like using a soft filler is realized.

After the simple, nonporous finishing even on vertical substrates, Mipa P 16 captivates with an extremely easy sandability with high abrasion. Both machine and manual sanding take less power which simplifies this process. ■

## At one glance

- *The use of Mipa 2K-HS-Härter HS 25 was technically released for Mipa 2K-HS-Express-Klarlack CX 4. As a result this extremely fast-drying clearcoat can now also be used under higher temperatures and for larger surfaces.*
- *For the Mipa mixing systems new magnetic labels are available now. In addition to the number of each mixing tinter these labels also show the colour shade and the opacity (base coats) or the level of white-brightening (2K varnishes)*
- *Mipa A 40 1K acrylic putty is now available in a new, improved quality. Therefore the product has universal adhesion even on aluminum and zinc substrates. Furthermore the processing properties have been improved.*
- *Mipa underbody protection and cavity sealings are now also available in bulk packs on request.*
- *The proven and popular product Mipa Rapidprimer is also available as a spray can in the colour black. The item number is 21301 0003.*

## Styrene reduced putties

Since 2017 conventional putties based on unsaturated polyester resins containing more than 10 % styrene are subject to new labeling. In some European countries this labeling comes along with serious restrictions and obligatory documentation requirements for sale.

In order to be able to sell Mipa putty in these countries without any problems, a new product line of styrene reduced putties has been developed. This assortment contains the well-known and most popular Mipa putties with slightly changed formulation. Thus no additional labeling is necessary and corresponding restrictions are avoided.



The characteristics of these styrene reduced putties differ only slightly from the conventional types. Packing sizes have been narrowed to small packages for most products. Recently also Mipa P 99 and Mipa P 60 S have been included as styrene reduced version within this product line.

MIPA also offers styrene free versions for several putties. These versions, however, differ considerably in price and quality from the conventional and styrene reduced putties and are made-to-order, only. ■

## Unknown Substrate? – No problem!



The new Mipa 1K-Isolator is a fast drying sealer. Substrates may dissolve or swell when especially overcoating unknown, old paintworks as for example on old vehicles. This can be avoided by applying the Mipa 1K-Isolator. The ready-to-use sealer is recoatable already after approx. 60 minutes and does not require preliminary sanding and removal of old paint layers. ■

## One machine – two systems

Aerosol filling systems with or without cleaning the dosing jar are standard systems for years. Now, MIPA combines both systems in a single machine: the Mipa Aerosol-Filling Machine D-2014.

Depending on the use of the filling jar, the user can choose between conventional filling with subsequent cleaning and the clean-free filling using the "Clean-Free-Adapter".

The use of Clean-Free-Caps is highly efficient if only single spray cans are filled, if there is high workload or no possibility for cleaning. In case of filling several spray cans with the same content one after an-

other, the conventional filling system reduces costs and waste.

The Mipa Aerosol-Aerosol-Filling Machine D-2014 enables the user to be flexible and to cope with any job. The solid construction as well as its reliable functioning has proved its worth for many years. Hundreds of machines on the market leave no doubts. ■



With Mipa Clean-Free-Adapter and Clean-Free-Filling Cap Mipa Aerosol-Filling Machine D-2014 turns into a clean-free system.



## Easy colour matching

*MIPA facilitate considerably the search for the perfect colour by launching some new tools.*

In summer 2018, the Mipa Color-System III as the new generation of Mipa colour charts for effect and solid car paints is presented. The colour samples are sorted chromatically by colour groups. Standard colours, variants and annual colour charts are on one colour chart and very similar colours can be compared easily with each other. The charts sprayed with original Mipa paint are approximately 50 % larger than the previous models which allows a safer comparison with the object to be painted. Also the storage of the charts has been improved. The complete system is supplied in a wall-mounted metal cabinet. A simple locking ring allows convenient sorting of future updates for which every swatch provides sufficient place. There is also a pure solid colour system available for users of the 2K-systems Mipa OC or Mipa PUR HS. Furthermore, it is also possible to mount feet under the metal cabinet if wall mounting is not desired.

Moreover, MIPA offers also an innovation for electrical colour search. In comparison to former models, the new MipaMix SSP device X-Rite MA 3 stands out with durable LED lights and significantly reduced need for calibration. Installation and handling of the unit remain as usual safe and intuitive.

The full strength of electronic colour measurement is reflected in the combination with the new formulation software Mipa-Mix Elite that has been especially developed for users of spectrophotometers. Numerous properties turn this program into a professional tool:



MIPA COLOR SYSTEM

- All colours can be shown on the screen, so that an “electronic colour chart” has been generated
- When mixing, the paint can already be adjusted ready-for-spray. All other additional products can be also mixed by means of this program and adjusted to desired applications and to processing conditions.
- Besides standard colour formulations, users can create their own databases as many as they want.
- The process of weighing and mixing the formulation can be recorded and saved as own formulation with individual annotations and finally retrieved later on.

This enables the user also to determine exactly the paint consumption per job.

- All measurements made with the Mipa-Mix SSP device can be directly compared to the best hits of the database on the screen. Furthermore, the hits of the database can be corrected and adapted to the sample if the first hits seem not to be sufficiently accurate.

MIPA provides training units regarding this extensive and always current topic. The knowledge and experiences of the user combined with the technical solutions of Mipa mixing systems solve any colour-related problem. ■



## Training in Hungary

*In 2018, a new training centre for Mipa Autolacke has been opened at Mipa Color Kft in Székesfehérvár, Hungary.*

Equipped with a modern spray booth, a preparation area as well as a seminar room for the theoretical part of the training, the centre is intended for groups of 5-10 participants.

The city Székesfehérvár is easy accessible not only for Hungarian customers but also for customers from neighbouring countries and offers its visitors after the training cultural and sporting activities.

Besides the training centre at the Mipa headquarter in Essenbach, Germany, the new training centre is the fourth European training centre of the Mipa Group. The high attendance rate and numerous booking requests underline the importance of training and formation in the car refinish industry and show how seriously MIPA takes this issue. ■

## Because the look makes the difference

A perfect vehicle cleaning highlights not only the quality of a professional paint job, but is today standard in the area of customer service in the body shop as well as at the car dealer. The high quality and effectiveness of the cleaners are crucial in achieving a perfect result in short time and with little effort. This goal is pursued by the six-part range of MP CarCare:

The **MP Power-Löser Insect & Dirt** in the first step dissolves particularly persistent dirt and oils on the vehicle exterior and in the engine compartment. In the second step the **MP Shampoo Diamond Gloss** cleanses and a dirt- and water-repellent lotus layer is being put on the car paint without affecting already applied wax preservatives and sealants.



The **MP Reiniger Wheel-Pro** subserves the special needs of care of the rims. The cleaner is acid-free but still dissolves persistent dirt and gives the rims a shining lotus effect.

**MP Glasreiniger Crystal Clear** cleanses vehicle windows and mirrors without streaks and leaves a pleasant scent. In particular pollution on the inside of windshields caused by air conditioning is removed residue-free and effortlessly.

Suitable for all surfaces and also plastic parts is the silicone-free **MP Allround Spray Diamond-Gloss**. In just one step it removes dirt, nourishes the surfaces and forms a water-repellent layer that preserves the care result for a long time. A high smoothness of the surface and a brilliant shine can be achieved by this spray. It thus suits as a perfect and easy care product for exhibited vehicles in every showroom. Already applied waxes and polishes are not to be affected.

Fingerprints, dust and grease in the interior of the car are tackled by the classic cockpit cleaner **MP Interior Spray Clean & Protect**. It cleans smooth surfaces without residue and streaking and refreshes bleached out plastic parts.

For the ideal application of the care products two wipes complete the series: the **MP Trockentuch Absorb Blue** absorbs nearly twice as much water as a conventional fiber or leather cloth and cleanses lint-free and streak-free. The **MP Microfasertuch „Profi“** creates a perfect high gloss finish due to two different surfaces. It is extremely soft, seamless and thanks to the ultrasonically cut edges, which do not fray, there is no danger of micro scratches on the painted surface.

The individual products can also be offered by retailers, car dealers or in body shops thanks to an attractive POS shelf or in a MP presentation case to the professional end users. ■

## Last but not least

Even if 2K clearcoats meet all requirements concerning durable, visually appealing car finishes there is the possibility to continue surface refinements later on. For this purpose, MIPA has developed the PROTECT series for functional surface sealing.

The core product **Mipa PROTECT Ultra 9H** covers a wide scope of refinement. This product reconditions the paint surface, improves its resistance to micro scratches and increases the gloss level by these effects. In addition, the product provides an easy-to-clean effect, so that all kinds of dirt, like insects or bird droppings, adhere less strongly to the treated surface and can be removed easily.

This effect has been even enhanced in the product **Mipa PROTECT Easy-Clean**. By applying this product also weathered surfaces are renewed significantly. Of particular note is its special anti-graffiti effect. Aerosol paints or tags, applied

with marker, can be easily removed from the surfaces with a cloth or some water. This makes the product perfectly suitable for applications in the public sector to recondition and protect surfaces subject to high stress.

**Mipa PROTECT Raincoat** provides a strong water-repellent effect. When applying this product particularly on glass surfaces, it can be observed that water has less contact to the surface and thus runs off much easier. Of course, this leads also to a cleaning effect. After the application on windshields, it is already unnecessary to turn on the windshield wipers when driving at medium speed.



All three products are supplied as set with application sponge and microfiber cloth. The quantity is sufficient to coat at least a medium-sized car. Only a little quantity of these products is applied in thin layers by means of the sponge and re-treated with the microfiber cloth. Their full protective function is generated immediately after drying. Depending on mechanical stress on treated surfaces a re-treatment is only necessary after several months. ■



### imprint:

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