

## Low odour and fogging chemistry from Zschimmer & Schwarz

Zschimmer & Schwarz is one of the leading global leather chemical producers.

The Germany headquartered company has recently introduced a range of new chemicals aimed at reducing the VOC and fogging values, especially for automotive leathers. Some of the latest launches are below:

**Prinol EMS** is designed to meet the latest standards from the automotive industry. It is characterised by its very low VOC and FOG values, and is suitable for all automotive upholstery leather which requires good fogging behaviour, outstanding heat and light fastness, as well as a high level of softness. Thanks to the selected combination of synthetic oils, polymeric softeners, emulsifiers and natural components, Prinol EMS has an absolutely neutral odour.

**Provol LX** is characterised by its very low VOC and FOG values and suitable for all automotive upholstery leather which requires outstanding fogging behaviour, good heat and light fastness as well as an extremely high levels of softness. Thanks to its highly concentrated composition, Provol LX is economic in use and guarantees a very good penetration, distribution and fixation into the leather.

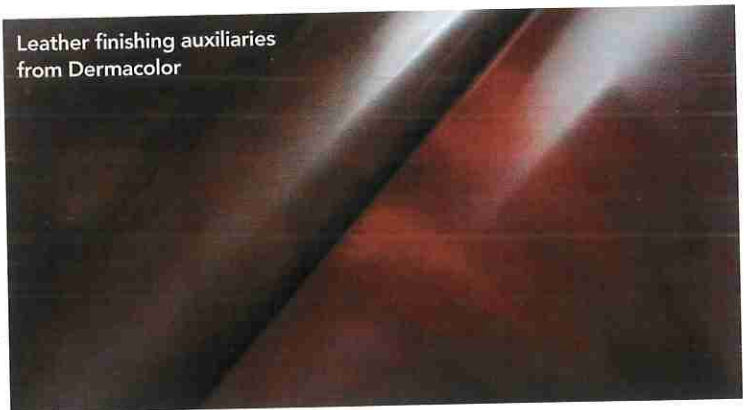
**Prinol APV** is a fully polymeric-based softener with lubricating and filling properties to meet the highest requirements concerning heat resistance and light fastness in the automotive leather production. Prinol APV creates articles with a tight and even milling grain, a full and round touch and outstanding softness. Besides its excellent VOC and FOG values, the product exhibits very good fogging behaviour and is neutral in odour.

**Ensul AMV** is a highly concentrated fatliquoring agent which is suited for the prefatliquoring of automotive leather in the pickle, chrome-tanning or retanning processes. It imparts an excellent inner softness and improves the physical properties of the final article. Thanks to its high fogging fastness and excellent VOC and FOG values, Ensul AMV meets the latest requirements of the automotive industry.

**Cuirol LLV** is an emission-optimised automotive fatliquor based on natural and synthetic oils. Besides its good fastness properties, Cuirol LLV has no negative influence on the smell. Due to its high concentration, Cuirol LLV is suitable for use as a single fatliquoring agent and creates articles with a soft and fluffy leather character.

**Prinol Z 8** is a polymer-based fatliquoring agent with very good electrolyte stability and softness. It has been especially developed as an alternative to sulphited fish oil and is suited for the fatliquoring of automotive leather in the pickle, chrome-tanning and retanning processes. Thanks to the excellent fibre lubrication of Prinol Z 8, final articles show advanced physical properties. It exhibits good resistance against light and heat yellowing, and distinguishes itself by its low emission values.

Leather finishing auxiliaries from Dermacolor



## Dermacolor introduces finishing auxiliaries

Italian leather finishing expert, Dermacolor, has introduced a range of leather finishing auxiliaries following research at its own application laboratory. The company has increased production with additional auxiliaries for finishing. These include **Microcompact** (filling compound), **Microwax** (wax), **Micropur** (polyurethane), **Microtop** (top coat and binder) as well as a range of cationic auxiliaries.

Dermacolor has also introduced its new stucco finishing filler range known as **Microlever**. The new line of products is aimed at upgrading sides or hides by masking scratches and abrasions prior to finishing.

These stucco (surface fillers) are highly versatile and can be used on a range of items ranging from clothing nappa, shoe upper and leather goods.

Finally, to meet customers specifications for transparent leather chemical management systems, a large part of the company's product range is included in the ZDHC's Chemical Gateway.

## Safer beamhouse chemicals from Zenith

Located in Singapore, Zenith Industrial Chemicals are specialists in beamhouse chemicals. The company has recently launched two new products, a fungicide and a surfactant, for the global tanning industry.

**Zenith 577** is an azole-based fungicide that has an excellent toxicity profile and broad-spectrum effectiveness against fungi to be used in crust and finished leather even when kept under wet conditions. Additionally, it does not contain any TCMTB, OPP, PCMC or OIT, providing users with the confidence that the leather will pass the most stringent of standards. Being non-corrosive, non-irritating and non-sensitising, it is safe to use in skin-contact applications in crust and finished leathers. Recommended dosage for Zenith 577 gives users significant cost savings without compromising

on quality or performance. Also, it is classified as a non-DG, making it easier and cheaper to export worldwide.

**Zenith 638** is a nonyl phenol ethoxylate-free (NPE-free) surfactant for degreasing applications, during liming and after delimiting. It especially enhances the smoothness of fleshing when used before liming. Zenith 638 is designed to be a low foam product to ensure that tanneries can meet environmental standards while using the product. It has been created keeping in mind the customers' needs for a more cost-effective product. Therefore, Zenith 638 has stronger degreasing properties in comparison to other similarly priced degreasers. Despite its strong degreasing properties, Zenith 638 does not affect the waterproofing property of the leather.