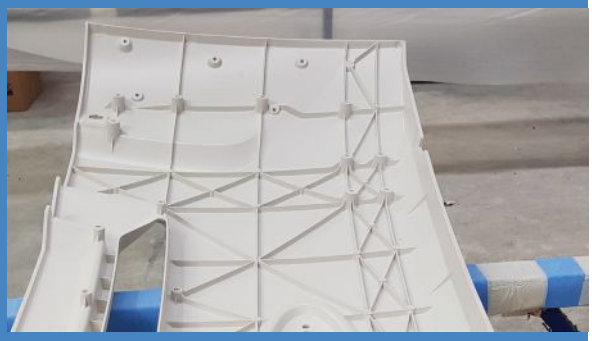
New Water-Based Treatment Reduces Surface Prep Time

Oxford Advanced Surfaces (OAS) (Begbroke, Oxfordshire, United Kingdom), a market leader in the surface preparation of plastic and composite components, has developed KOTEFAST, a new treatment that reduces surface preparation time by over 90% compared to the usual method of manual sanding. Available in a water-based formulation, KOTEFAST enables customers to avoid the use of solvents in the workplace.



This treatment was tested on a truck panel and time recorded at <15 min—by comparison, an identical panel took 3 h to prepare through sanding. Along with time savings, the product also delivered improvements in quality and consistency due to its straightforward spray application process, which allows it to access difficult-to-reach areas such as internal corners, tricky angles, and blind voids. Paint or coating adhesion to the substrate is greatly improved by the treatment's ability to chemically bond to them, thanks to OAS's proprietary Onto technology. As a water-based formulation, KOTEFAST eliminates the environmental challenges that arise with sanding, particularly to workers who might inhale dust in the process. Tel: +44 (0)1865 854807, web site: www.oxfordsurfaces.com.

Biobased Rust Remover in an Air-Powered Spray Can

Cortec Corp. (St. Paul, Minnesota, USA) has unveiled EcoAir 422 Rust Remover, a USDA Certified Biobased Product that contains 92% biobased content. The company said it has spent decades developing environmentally responsible corrosion solutions, and those efforts have led to the creation of EcoAir 422. This biodegradable, non-flammable product removes rust and corrosion from ferrous and nonferrous metals, and it can be directly applied and rinsed with an alkaline solution. Due to its high biobased content, EcoAir 422 does not create waste disposal difficulties or require special disposal for typical use. In addition, this operator-friendly rust remover can be safely used around paints, plastics, wood, textiles, ceramics, or rubber. It can be used in a variety of applications, such as outdoor and marine applications or labor-intensive areas such as continuous assembly and packaging lines. The product is packaged in EcoAir air-powered spray cans, which are powered by compressed air that completely replace traditional chemical propellants. Moreover, this innovative packaging makes it safer to use, ship, and store than traditional aerosols. Tel: 1 800-426-7832, web site: www.cortecvci.com.

Adhesive Grease Paint for Metal-to-Metal Applications

MOLYKOTE (Midland, Michigan, USA), a brand of specialty lubricants by DuPont, has produced a new product globally available as MOLYKOTE P-1042 Adhesive Grease Paste. This lubricant is specially formulated for sliding surfaces exposed to high-pressure loadings and subjected to the influence of metal-machining emulsions. MOLYKOTE's adhesive grease paste balances a desired clamping force with improved washout resistance against modern cooling fluids, which can lead to reduced downtime and fewer relubrication cycles. The product does not exhibit any hardening issues during service and can be used in metal-to-metal applications in extreme environments with high heat and humidity. It is optimized for high-temperature environments with a service temperature range of –25 to 120 °C (–13 to 248 °F) as a paste and more than 500 °C (932 °F) as a solid lubricant. MOLYKOTE P-1042 Adhesive Grease Paste can also be used in stressed applications such as open gear lubrication, lubrication for hydraulic breakers on heavy-duty