



Fig. 8

nerable. "Stay Put" can be easily applied either as a base layer or as a top layer once a surface has been cleared of rust with a de-rusting solution. The product's quick drying properties mean that surfaces are well protected just a short time after application. The product offers additional benefits. Due to its fast drying and metallic silver colour "Stay Put" leaves surfaces looking clean and new, enabling business as usual shortly after application. "Stay Put"'s temperature resistance is not only beneficial to industries that operate in hot environments, but also to components that are subject to increased heat during use. This makes it ideal for use in the aerospace, automotive, metalworking and transport industries, in particular on parts such as exhaust systems and railings. (NCH Europe, NCH House, Springvale Avenue, Bilston, West Midlands/UK; www.ncheurope.com/en)

Safe compressed air application

The stainless steel protection sleeve protects the nozzle from abrasion and damage if it comes into contact with scratch-resistant surfaces. It was designed in such a way that the nozzle is supplied with circulating air through the side openings so that the Venturi principle on the nozzle continues to function and both blowing form and blow-

ing force are sustained. The plastic sleeve, made of polyoxymethylene (POM) (Fig. 9), has the same structure. The difference between the two lies in the 'softer' material. POM is a special plastic that is recognised as an excellent material for applications that demand high performance under extreme conditions because of its high stability and excellent sliding and abrasion characteristics. The new protection sleeves can be produced for any nozzle form and application. The stainless steel and POM protection sleeves by the swepro Group are used in many industrial sectors - from traditional engineering through to high-tech applications in the aviation, chemical, motor vehicle and electronics industries. Carsten Becker, Head of Sales at swepro Group, is familiar with the challenges that occurred in the development of the protection sleeves and says: "We needed to precisely coordinate the



Fig. 9

selection of design and material with our customer's requirements. The protection sleeves need to withstand enormous thermal and mechanical loads. The POM protection sleeve, for example, is characterised by great stability, hardness and rigidity in a wide range of temperatures. Good slip properties and good electrical insulation properties round off the profile." (Swedex GmbH Industrieprodukte, Im Taubental 10, 41468 Neuss/Germany; www.swepro.de)

