

## Support Wrists with Allegro



Allegro's six different supports are designed to help maintain a neutral position at the wrist while allowing full movement of the hand and fingers. Dual-Flex™ contains eight stays that provide firm support and offers an ambidextrous design. Maxrist® is designed with a restrictive metal spoon stay that fits into the palm to eliminate

symptoms of CTS and other repetitive strain injuries. Flexrist™ offers Neoprene® comfort. The A400 is designed with five flexible steel stays that encourage a neutral position. The A410 is designed to limit flexion and extension of the hand. ■

Please call +1 (800) 622-3530, fax +1 (800) 362-7231, or visit [www.allegrosafety.com](http://www.allegrosafety.com)



## New Flame-Proof Breathing Apparatus

One of the new features is the audible alarm, governed by the pressure reducer. It is placed in the demand valve and works on the inhaled air; therefore there is no loss of air during the alarm situation.

EN137 allows a loss of air of maximum 85 l at ambient pressure, with the Spasciani system no air is lost, and thus two minutes

of autonomy are saved. Moreover, the positioning of the alarm, very near to ears makes it easily heard even in very noisy environments.

Spasciani breathing apparatus can be equipped with the new mask type TR2002, with panoramic visor available in two models: TR2002 A with standard thread EN148-3 or TR2002 BN.

TR2002 BN is another unique product in Spasciani's range, as it is the only mask on the market featuring a special patented device that enables it to work in positive or negative pressure.

The mask works in positive pressure when connected to a positive pressure demand valve type BN with standard quick connector to DIN 58600 while it works in negative pressure when connected to negative pressure devices with standard thread connector EN148-1. ■

Call + 39 02 3822 031 or visit [www.spasciani.it](http://www.spasciani.it)

## Potential Hazards from Gloves

A relatively new safety glove coated with polyurethane has become the "industry standard" in many different types of applications. The glove is produced by dip-coating the glove into a dispersion of polyurethane and DIMETHYL FORMAMIDE (DMF), producing a film of polyurethane both on the inside and the outside of the nylon liner. DMF is highly toxic and is leached out of the film into water which presents an environmental concern over the disposal of the contaminated water.



Some manufactures have declined to produce the gloves by these methods due to the highly sensitive environmental issues of using DMF, the disposal of the millions of litres of water used in the leaching process and, more importantly, the protection of the operatives.

In the United Kingdom the Occupational Exposure Limits (OELs) for Long Term Exposure (8 hours) and Short Term

Exposure (15 minutes) to DMF are 10 parts per million (ppm) and 20 ppm respectively and in some countries the OELs are less.

A Test Report from a UK independent laboratory showed that all the gloves obtained for the test had residues of DMF on the surfaces of the gloves, varying from 10,400 ppm through to 49 ppm, between 5 and 600 times above the recommended OEL limit.

It is well documented that DMF is readily absorbed through the skin, can cause cancer and liver and kidney damage and has been shown to cause reproductive and foetal defects in animals. The major concern to all industries where these gloves are worn should be the long term effects of wearing gloves contaminated with massive levels of DMF.

Gloves that are intended to protect the health and well being of a person could actually be damaging that person's health. ■

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## The New Confined Space Entry Monitor

The EntryRAE is the first confined space entry (CSE) monitor to protect you from both the expected and the unexpected. EntryRAE starts with the 4 traditional CSE sensors - Oxygen (O<sub>2</sub>), Lower Explosive Limit (LEL), Hydrogen Sulfide (H<sub>2</sub>S), and Carbon Monoxide (CO) - and adds a photoionisation detector (PID) to protect you from over 300 toxic volatile organic compounds (VOCs) that are found in substances such as fuels, oils, degreasers, and paints. Applications include refineries, semiconductor manufacture, chemical processing, and agriculture. ■

Call + 1 877 723 2878 or visit [www.raesystems.com](http://www.raesystems.com)