

SAFETY INFORMATION DATA SHEET FOR 'SCORPION BLUE' CUTTING LANCE

IDENTIFICATION OF PRODUCT & COMPANY:

Intended use: Underwater cutting/burring of steel structures.

Manufacture: Speciality Welds Ltd
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PHYSICAL IDENTIFICATION & CHEMICAL PROPERTIES:

The product is made from a copper coated steel tube, taped with a polyolefin insulation tape to aid insulation protection for the diver

Lance: Copper coated steel tube. Tubes are made up from Fe, C, Cu, P and S

Coating: Polyolefin tape - based on polyethylene and polyolefin-copolymers, chloropolymers, polyamides or silicones.

HANDLING & STORAGE:

No special requirements, non-toxic/non harmful materials, as supplied.

EXPOSURE CONTROLS/PERSONAL PROTECTION:

No special requirements, non-toxic/non-harmful materials as supplied.

STABILITY & REACTIVITY:

Chemically stable, non-toxic/non-harmful materials as supplied.

CONTROL MEASURES:

No special requirements, non-toxic/non-harmful materials as supplied.

HAZARDS, TOXICOLOGICAL & ECOLOGICAL INFORMATION:

Non-toxic/non-harmful, as supplied.

REGULATORY & OTHER INFORMATION:

When in use, this product requires electricity to create an arc; therefore, precaution against electric shock is required. This product generates intense heat, ultra-violet (UV) and high levels of visible light, fumes and gases, (including oxides of hydrogen, oxygen, nitrogen, carbon monoxide) the exact composition of which will depend upon the materials being cut, water type and depth of cutting. When in use underwater, exposure to UV/visible light, electric shock, hot material and build up of spent gases are the greatest significant risk to health. Adequate, precautions shall be exercised to protect the diver from all issues stated. Precautions shall also be exercised where the fume plume generated by cutting may come into contact with other non-diving personnel as both gaseous and particulate fumes will pose significant risks to health. Full respiratory protection is required.

See product brochure for additional safety instruction/guidelines for proper use.

DISPOSAL CONSIDERATIONS:

Any waste materials should not be regarded as controlled waste and shall be disposed of in accordance with relevant authorities/regulations.

