

## CONEX UNIVERSAL LIMITED

### COSHH DATA

1. Conex Universal Limited,  
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2. Conex Universal Limited manufacture and factor copper and copper alloy, stainless steel, and galvanised carbon steel fittings for various applications including water, gas, and sanitation.

By nature of the fittings, and their component parts in normal usage, they do not present a Health and Safety risk; however there are some precautions that need to be taken in certain circumstances.

**The information in this data sheet relates to materials supplied only by the Company; however these are used for a multiplicity of purposes over which the Company has no control.**

### 3. Product ranges:

Conex 3000 Range (Threaded red brass fittings).

Conex 4000 Range (Solder and adapter fittings in red brass).

Conex 5000 Range (Solder fittings in copper).

Conex 8000 Range (Threaded fittings in yellow brass).

COSHH document.

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Conex Cuprofit.

Conex Compression.

Conex Push-Fit.

Conex Oyster.

Conex >B<Press.

Conex >B<Press Inox.

Conex >B<Press Carbon Steel.

#### **4. Physical and chemical properties:**

Alloys may contain additions of lead, and arsenic however these are within the requirements of National, and International Standards.

Coatings may be in the form of chromium, nickel, or zinc which are protective and decorative finishes.

Capillary solder fittings contain lead free solder, in line with current legislation.

Melting points are in excess of 850° Celsius, with the exception of lead free solder which is in excess of 220° Celsius.

See below for additional information.

#### **5. Fire and explosion:**

Materials used do not present a fire or explosion hazard except in finely divided form, which may be produced by grinding, sawing, machining, or polishing. Some plastic components will burn if subjected to fire, but are not considered a fire hazard due to their small size.

#### **6. Health effects:**

Dust or fumes generated by grinding, sawing, machining, polishing, welding, or remelting could be emitted into the atmosphere.

The inhalation of in its' divided form (dust) can be damaging to Health, and respiratory protection may be required.

Contact with the eyes should be avoided as this may cause abrasions, or mild irritation.

## 7. Contact with mineral acids:

Potentially harmful gases, such as hydrogen, and oxides of nitrogen may be generated.

## 8. First Aid:

If discomfort from inhalation of dust, or fumes or discomfort from contact with the eyes, Medical attention should be sought.

## 9. Storage and Transportation:

Products should be securely stored, safe from exposure to weather, potential corrosive environments and reagents. Products should be retained in their original packaging before use. There are no restrictions on transportation.

## 10. Disposal:

All metallic scrap should be recycled in the appropriate waste stream. Non metallic components should be removed (if practicable) for disposal in the appropriate waste stream(s).

## 11. Product data:

Products used in conjunction with Conex Universal Limited fittings, such as lead free solder, flux, etc. For COSHH information access the relevant manufacturer's data sheets.

## 12. Additional Technical, Physical, and Chemical information:

TLV for copper –  $1\text{mg}/\text{m}^3$ .                      CAS number 7440-50-8.

TLV for lead –  $0.05\text{mg}/\text{m}^3$ .                      CAS number 7439-92-1.

TLV for iron –  $5\text{mg}/\text{m}^3$ .                      CAS number 1309-37-1.

All values are time weighted averages (TWA).