



If you just had the right tools...

## **Material Safety Data Sheet**

### **Aluminium Bronze material**

- 1 Material:** Aluminium Bronze alloy
- 2 Firm:** Carltsø Safety Tools, Mollegaardsvej 1, DK-4684 Holmegaard, Denmark
- 3 Composition:**
- |             |          |
|-------------|----------|
| Al:         | 9.5-11%  |
| Fe:         | 3.5-5.5% |
| Ni:         | 3.5-5.5% |
| Others max: | 0.5%     |
| Cu:         | Balance  |
- 4 Risk:** Does not normally present a hazard in a solid state
- 5 First Aid Treatment:** There are no acute risks.  
In the event of accident involving cuts & scratches, normal precautions should be taken to avoid any infection by carefully cleaning the affected area & covering with a suitable first aid dressing.  
There is no particular risk of eye injury.  
If ingested, follow standard industrial hygiene practices.  
Swallowing involves no particular risk of health damage.
- 6 Fire Precautions:** The material is non inflammable.
- 7 Leakage:** This is not possible, when the material is in its solid form.
- 8 Handling & Storage:** No special regulations apply.
- 9 Leakage Precautions:** In certain circumstances, dust may be released in to the atmosphere, for example during repair & maintenance. Suitable eye & respiratory protection should be worn.
- 10 Physical Properties:** Solid bronze coloured material: density; 7500 kg/cubic cm; melting point; 1035°C
- 11 Stability:** The material is stable, non corrosive, insoluble &, under normal conditions, does not disintegrate.
- 12 Toxic Effects:** There are no foreseeable health hazards associated with handling this alloy in its solid state. However dust or fumes released from the materials composing the alloy should be treated as potentially dangerous & normal precautions should be taken regarding respiratory & eye protection.



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- 13 Ecology;** In its solid form, this material is not detrimental to the environment.
- 14 Waste Treatment:** Scrap material containing copper is normally collected to recover the copper value. If waste disposal is necessary, local & national regulations should be followed. Contact the local authorities if in any doubt.
- 15 Transport:** Transportation of the material in its solid form is harmless & no EU safety warning is required.
- 16: Additional information:** The material is harmless in its solid state. However, normal safety precautions should be taken regarding eye & respiratory protections. Please feel free to contact Carltsø for further information.



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