

Technical Data Sheet

[swiftsupplies.com.au](http://swiftsupplies.com.au)

Weicon Copper Anti Seize Paste is a high quality type of copper based anti seize lubricating, separating and protecting paste. Applied to parts before they are installed, Copper Anti Seize Paste effectively reduces friction and assists with disassembly when it is required.

Copper Paste adheres to and is compatible with most surfaces and creates a lubricating and separating film between parts to minimise wear, seizing or damage and prevent fretting corrosion.

It withstands long term exposure to temperatures up to 1,100°C and has a high copper content. Copper Paste contains no nickel, sulphur or lead. It is a NLGI Class 1 lubricant.



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**Applications**

- Vibration reduction on brake shoes and guides
- Brake cams and pins
- Wheel bolts and nuts
- Battery terminals and electrical connections
- Hydraulics
- Electrical hammers
- Plug in tools and threaded connections
- Compressed air equipment

**Technical Details**

**Properties**

Basic Oil	Mineral Oil
Thickener	Aluminium Complex Soap
Solid Lubricant	Copper / Graphite
Colour	Copper
Coefficient Of Friction (DIN 946)	0.11 to 0.13
Coefficient of Friction Total	0.12 $\mu$
Coefficient of Friction Thread	0.11 $\mu$
Coefficient of Friction Upside Down	0.13 $\mu$
VKA-Test (DIN 51350) Welding Load	3,200 N
Worked Penetration (DIN ISO 2137)	310 to 340 1/10mm
Temperature Resistance	-20°C to +1,100°C
Density	1.1 g/cm <sup>3</sup>
Kinematic Viscosity Basic Oil (+40° DIN 51562)	180 mm <sup>2</sup> /s
Drop Point (IP 396)	+180°C (356°F)
Consistency Assignment (DIN 51818)	NLGI-Class 1

**Important**

The values listed here and the information presented should not be treated as a substitute for specific technical advice. We cannot warrant the products performance or suitability for particular applications.

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## Preparation of the Surface

If the surfaces that Copper Anti Seize Paste will be applied to are particularly soiled or dirty you should first clean and degrease them. Used threads should be cleaned with a high powered cleaning agent (such as Weicon Cleaner S) and a wire brush.

## Application

Apply the paste evenly using a brush, cloth or plastic sponge. On threads it is important that Copper Paste is applied down to the thread root to ensure a good sealing effect.

Please note that this product is suitable only for assembly paste specific applications. It does not replace pure lubricants and greases. Mixing it with other lubricants will change the properties of Copper Anti Seize Paste.

## Storage

Copper Anti Seize Paste should be kept in its closed, original container. Do not store together with oxidising agents. Keep container tightly closed and store in a cool, well aired place.

## Available Sizes

Weicon Copper Anti Seize Paste is available from Swift Supplies in the following standard sizes:

- 30gm Pen
- 120gm Brush Top Container
- 450gm Container
- 500gm Brush Top Container
- 1kg Container

Other sizes may also be available. If your application requires something else please do get in touch and we'll try and help out wherever we can.

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