



# CICO® SM 1600 B

UNIVERSAL SERVICE AND ASSEMBLY PASTE | COPPER-FREE



## Product benefits

- highly effective service and assembly paste, copper-free
- offers long-term protection against seizing and corrosion
- high temperature resistant up to + 1600 °C
- pressure resistant to 7.5 t/cm<sup>2</sup>
- salt water and chemical resistant
- creates optimal frictional resistance
- causes more uniform pretension
- suitable to be applied down to -40°C
- environmentally friendly base liquid, non-toxic



## Description

**CICO® SM 1600 B, universal service and assembly paste**, is a combination of chemically treated solids in a solvent-free, biodegradable organic carrier.

**CICO® SM 1600 B** does not contain copper and is a very environmentally friendly sliding and lubricating agent with a wear-reducing and separating effect. Even a thin film offers a high level of long-term protection against seizing and corrosion. The extremely high compressive strength and the optimal frictional resistance offer a more even pretension. Disassembly is facilitated even after years.

**CICO® SM 1600 B** provides corrosion and wear protection even at high temperatures up to +1600 °C and in corrosive atmospheres. The environmentally friendly paste is used in all areas of mechanics: in sliding bearings, screwed and fixed connections, guideways, bolts, pins, bushings and hinges, on fits, joints, gears and wire ropes, among others.

## Application information

Even a thin lubricating film works optimally. **CICO® SM 1600 B** can be easily applied with a brush or spatula.

**CICO® SM 1600 B** is supplied in the following container sizes: 1 kg, 5 kg and 10 kg containers. Other container sizes on request.

## Technical specifications

Substance name	CICO® SM 1600 B
Color	gray
Density (at 20°C)	1.15 g/cm <sup>3</sup>
NLGI class (DIN 51818)	2 (thixotropic)
Viscosity (at 40°C)	120 mm <sup>2</sup> /s (base oil)
Pressure resistance	7.5 t/cm <sup>2</sup> (Brugger method)
Temperature resistance	-180°C to +1600°C
Solubility in water	0.2 g/l
Flashpoint	>300 °C
Ignition point	>350°C
Thermal decomposition	>350°C
Decomposition products	carbon monoxide
Dangerous reactions	none
Biodegradable (CEC-L-33-A-94)	>90% (base oil)
Water hazard class (WGK)	1
Disposal (AVV)	130207
Transport	no dangerous goods
Storage stability	at least 2 years