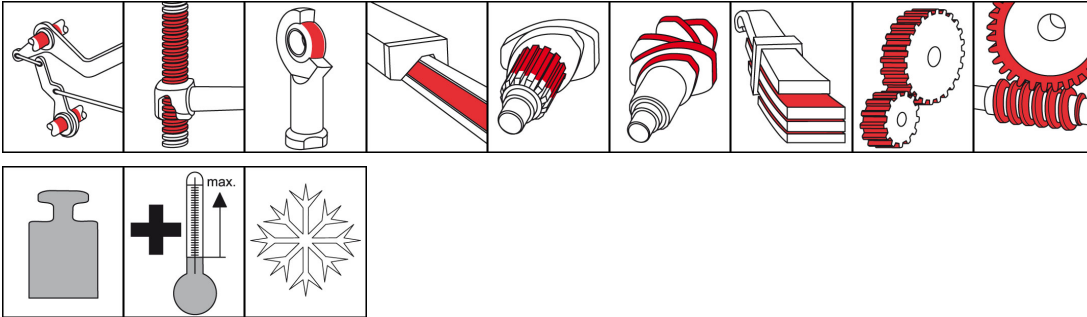


OKS 111 MoS₂ Powder, microsize, Spray



Description

OKS 111 is a MoS₂-powder to improve the sliding properties of machine elements.

Applications

- For sliding properties improvement of machine parts, apparatuses and precision machinery, especially for microfinished surfaces
- For incorporation in plastics, sealings, packages, sintered metals and improvement of sliding properties
- For long-term or possibly lifetime-lubrication

Branches

- Chemical industry
- Logistics
- Rubber and plastic processing
- Shipbuilding and marine technology
- Municipal services
- Iron and steel industry
- Paper and packaging industry
- Rail vehicle technology
- Glass and foundry industry
- Plant and machine (tool) engineering

Advantages and benefits

- Reduces friction and wear in a wide temperature range
- High effectiveness due to high affinity of MoS₂ to metals
- Low friction at highest load capacities
- Low consumption based on forming of extreme thin sliding films
- Not electrically conducting and not magnetic
- Chemically stable except against halogenated gases, concentrated sulphuric- and nitric acid

Application tips

For best adhesion, clean sliding surfaces. Best way is to clean mechanically first and then with OKS 2610 or OKS 2611 universal cleaner. Spray on evenly thin from 15-20 cm distance to the sliding surfaces.

Packaging

- 400 ml Spray



OKS 111
MoS2 Powder, microsize, Spray

Technical Data

	Standard	Conditions	Unit	Value
Main components				
binder				special wax
degree of purity		MoS2-content	percent in weight	> 98.5
solid lubricants				MoS2
solvent				special boiling point gasoline
Application related technical data				
colour				grey-black
lower operating temperature			°C	-185
maximal operating temperature		in normal atmosphere	°C	450
maximal operating temperature		in vacuum	°C	1,100
maximal operating temperature		in inert gas	°C	1,300
Product specific technical data				
particle size		d 50	µm	2.5-5.0
particle size		max. d 99	µm	max. 15

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Safety data sheet for industrial and commercial users is available for downloading under www.oks-germany.com.

Our Customer and Technical service will be pleased to help should you have any further questions.