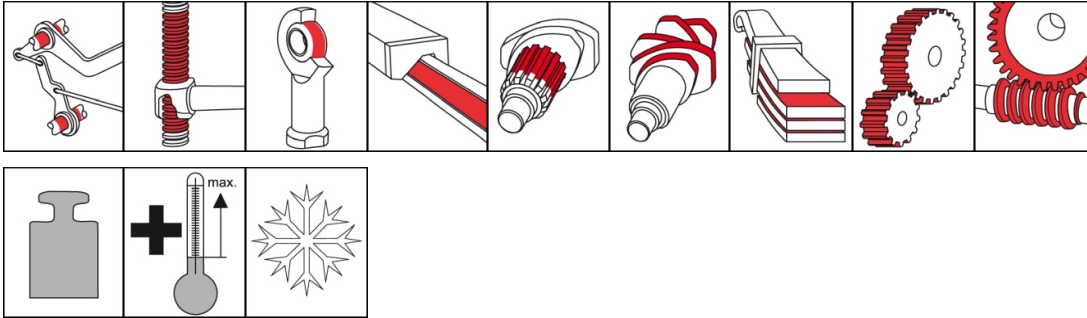


OKS 111

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

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

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
solvent				special boiling point gasoline
solid lubricants				MoS ₂
degree of purity		MoS ₂ -content	percent in weight	> 98.5
Application related technical data				
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
colour				grey-black
density (at 20°C)	DIN EN ISO 3838		g/cm ³	0.77
Product specific technical data				
particle size		d 50	µm	2.5-5.0
particle size		max. d 99	µm	max. 15
Properties and approvals				
UFI				6KJ1-T0C6-600X-F6H1

OKS Spezialschmierstoffe GmbH

Ganghoferstraße 47

82216 Maisach

+49 8142 3051 - 500

info@oks-germany.com

www.oks-germany.com

a brand of
 **FREUDENBERG**

The information in this publication reflects state-of-the-art technology, as well as extensive testing and experience. Due to the diversity of possible applications and technical realities, they can only serve as recommendations and are not arbitrarily transferable. Therefore, no obligations, liability or warranty claims can be derived from them. We only accept liability for the suitability of our products for particular purposes, and for certain properties of our products, in the event that we have accepted such liability in writing in the individual case. Any case of justified warranty claims shall be limited to the delivery of replacement goods free of defects, in the event that this subsequent improvement fails, to reimbursement of the purchase price. Any and all further claims, in particular the liability for consequential injuries or damage, shall always be excluded. Prior to use, the customer must conduct its own testing to prove suitability. The data are subject to change for the sake of progress. ® = Registered trademark

Product restricted to professional users. Safety data sheet available for download at www.oks-germany.com

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