

## MOLYPAUL 900

### Coating for ceramic, refractory materials

#### Performance Features

- temperature range: up to 1700°C
- good adhesion on the base material
- fills surface irregularities
- high abrasion resistance
- reduces wear
- good oxidation resistance
- high thermal stability
- ready-for-use paste
- non-hazardous



#### Description

MOLYPAUL 900 is a pasty refractory solid lubricant for the surface coating of ceramic materials to be used in the iron, steel and refractory industry. MOLYPAUL 900 contains a combination of solids and an especially adapted additive package reducing the graphite oxidation at high temperatures. MOLYPAUL 900 forms a high-temperature resistant dry film. The product does not release any fumes when heated; it is free of mineral oil and harmless in use.

#### Field of application

MOLYPAUL 900 fills superficial porosities of ceramic materials and increases their performance. MOLYPAUL 900 adjusts surface irregularities and improves the sliding behaviour of ceramic slide plates used in sliding valve systems. The intake of oxygen from the air is suppressed in the casting process and the wear behavior of the ceramic surface is improved, especially in the working area. MOLYPAUL 900 is suitable for the use on any ceramic

# Product Information



**LUBRITECH**  
Special Application Lubricants

product versions and combinations.

## Method of application

MOLYPAUL 900 is to be applied to dirt and dust-free surfaces by brush, sponge or roller.

## Technical Data: MOLYPAUL 900

<u>Characteristics</u>	<u>Value</u>	<u>Unit</u>	<u>Test Method</u>
Colour	grey-black		
Structure	paste-like		
Temperature range	up to 1700	° C	LLS 134
Carrier	water		
Solid lubricants	graphite		
Dyn. Viscosity [20°C]	>15000	mPas	LLS 001

LLS = LUBRITECH Laboratory Specification  
Typical for current production. Variations in these characteristics may occur.

As far as we know this information reflects the current state of knowledge and our research. It cannot, however, be taken as an assurance about the properties nor as a guarantee of the suitability of the product for the individual case in point. Before using our products the purchaser must, therefore, check their suitability and be satisfied that the output will be satisfactory. Please be aware that our products must not be used for applications in nuclear primary circuits or on-board aerospace systems. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without prior announcement, unless otherwise provided in customer-specific agreements. With the publication of this product information sheet, all previous editions cease to be valid.

We are specialized in developing products for extreme tribological problems in cooperation with end users.  
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