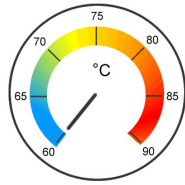


# MOLYDUVAL

## Aladin N Spray



Ready-to-use bonded coating based on hexagonal boron nitride and organic binders in solvent. It is particularly suitable for coating dense, metallic materials. The layer on the surface is a highly effective, very well adhering, dense separating and sliding film.

The organic binder provides up to 250 °C for a very good adhesion. Above this temperature there is a loose boron nitride film which guarantees good lubricating and separating properties up to high temperature ranges. Boron nitride is effective up to about 1000 °C in air and up to about 2000 °C under inert gas.

Suitable as a release agent for molten metals, such as aluminum and magnesium, zinc and lead, for pressing sinters and hardmetal powders, and for coating metals and ceramics.

### Characteristics

- good anticorrosive properties
- very good tackiness
- resistant to water
- contains finest particles of boron nitride
- forms surface active molecular protection films
- suitable for very high temperatures
- fast drying
- dust refusing, rejects dust and dirt
- forms lubricious surface

### Applications

- as release agent in MIG or MAG welding
- for non-cutting metal working
- for lubrication of pin ejectors of plastic injection machines
- for chain lubrication in dusty surroundings
- for coating ceramics
- for preparation of aluminium powder in glass industry
- as release agent in metallurgical
- for preparation of bearings and guidelines
- for care of weapons
- as release agent for moulds in diamond tool production
- as release agent in aluminium die casting

### Technical Datas

Color		white
Temperature Range	°C	-0 -> 1000
Temperature Range in vacuum	°C	1400
Temperature Range in inert gases	°C	2000
Pack Size spray can		400 ml
		+

*The indicated service temperatures are guide values depending on the lubricants composition and on the application. They may vary in case of special influences or ongoing use.*



For further information, please see our website [www.solano-industries.com](http://www.solano-industries.com)

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 31.01.2025