

## LUBRICANT LACQUER – SDA

### Definition

Organic coatings that provide solid lubricants to the surface of treated parts, such as molybdenum disulphide incorporated into thermosetting matrices. The matrices are based on epoxy, phenolic or silicone resins (alone or mixed).

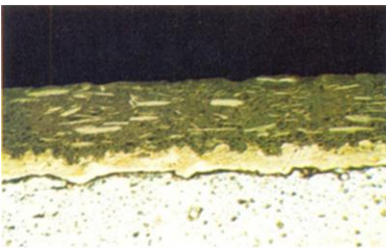
SDA lacquers improve the tribological behaviour of material pairs by generating a transfer film on the surface of the antagonist.

The result is solid lubricant to solid lubricant friction.

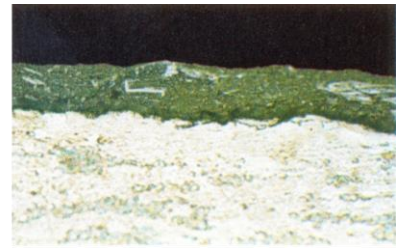
### Sample applications

- Rifle magazines
- Breech casings for automatic weapons
- Splice pins of cranes
- Oil field connectors
- Ball joints
- Valve bushings
- Slides
- Bearings
- Various aircraft parts
- Fluted shafts
- Dry-running gears
- etc.

### Properties



SDA 9 on zinal-treated aluminium alloy



SDA 0 on XC 10 steel