

# MOLYBKOMBIN UMF T4 Spray

Air-drying, easy-to-apply lubricant based on MoS<sub>2</sub>



## Your benefits at a glance

- Good adhesion to metals for good wear protection
- Good wear protection due to high pressure resistance of the lubricant
- Increased operational reliability with clean and dry surfaces

## Your requirements - our solution

Due to increasing cost pressure, operators expect good temperature stability and reduced maintenance costs.

To decrease your operating costs, we developed MOLYBKOMBIN UMF T4 Spray. Our aim was to offer you an easy-to-use product, so it comes in a spray can for easy application.

MOLYBKOMBIN UMF T4 Spray is an air-drying, black lubricant based on molybdenum disulfide (MoS<sub>2</sub>), an organic binder and an inflammable solvent mixture.

MOLYBKOMBIN UMF T4 Spray is liquid and ready-to-use. Once applied and hardened, the lubricant shows good wetting of metal surfaces and is very resistant to pressure. Its dry lubricating film is suitable for use at temperatures up to approx. 450 °C.

## Application

MOLYBKOMBIN UMF T4 Spray is a friction and wear reducing lubricant for the lubrication of, for example, with screw spindles in textile stenter frames. The dry lubricant film prevents adhesion of lint and dirt to the metal surface, making maintenance and cleaning work easier while ensuring precise low-torque width adjustment of the threaded spindles for a long time. MOLYBKOMBIN UMF T4 Spray is also suitable as an assembly aid for bearings, bolts and screw connections and as running-in aid for plain bearings and sliding points.

Additionally, MOLYBKOMBIN UMF T4 Spray eliminates stick-slip on guideways.

MOLYBKOMBIN UMF T4 Spray is also used in metal forming, for example to protect against wear and to extend the lifetime of drawing and cutting tools, to impregnate diecasting moulds and to lubricate cores, ejector pins and moving mould parts in pressure and gravity diecasting machines.

## Application notes

Shake MOLYBKOMBIN UMF T4 Spray before use. The surfaces to be coated need to be free from oil, grease, water, corrosion and dirt.

Keep aerosol can vertical and spray in thin and uniform layers from a distance of approx. 20 cm. We recommend coating large surfaces crosswise.

MOLYBKOMBIN UMF T4 Spray contains an inflammable solvent mixture. Do not spray against naked flames or incandescent materials. Protect against direct sunlight and temperatures above 50°C.

If you wish to optimise the service life of your equipment or have any other questions regarding your application, our experts will be pleased to help you. Just contact us.

## Material safety data sheets

You can download the current safety data sheets via the Contact form on our website [www.SurTec.com](http://www.SurTec.com) or by email request to [info@SurTec.com](mailto:info@SurTec.com).

| Characteristics              | MOLYBKOMBIN UMF T4 Spray |
|------------------------------|--------------------------|
| Article number               | 081005                   |
| Composition, binder          | organic                  |
| Composition, propellant      | dimethylether            |
| Composition, solid lubricant | molybdenum disulphide    |

# MOLYBKOMBIN UMF T4 Spray

Air-drying, easy-to-apply lubricant based on MoS<sub>2</sub>



| Characteristics  | MOLYBKOMBIN UMF T4 Spray |
|--|--------------------------|
| Composition, solvent   | acetone                  |
| Colour space   | black                    |
| Service temperature, lower limit   | -40 °C                   |
| Service temperature, upper limit   | 450 °C                   |
| Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx. 24 months |                          |

## SurTec

Chemical Specialities for Surface Treatment. SurTec develops, manufactures and supplies chemical specialities for surface finishing. With its five fields of application Industrial Parts Cleaning, Metal Pre-treatment, Functional and Decorative Electroplating as well as Functional Coatings, SurTec covers the full portfolio in this sector. SurTec is a supplier for almost all segments dealing with surface treatment, including Automotive, Transportation, Construction, Electronics & Electrical and Healthcare & Lifestyle.

SurTec International GmbH /  
Neuhofstraße 9 / 64625 Bensheim / Deutschland /  
Telefon +49 6251 8622200

Classifications and designations are noted in the Material Safety Data Sheets (according to the European legislation). The safety instructions and the instructions for environmental protection have to be followed in order to avoid hazards for people and environment. Please pay attention to the explicit details in our Material Safety Data Sheets which you can obtain by contacting us via e-mail: [info@SurTec.com](mailto:info@SurTec.com). We are responsible for our products in the context of the valid legal regulations. The warranty exclusively accesses for the delivered state of a product. Warranties and claims for damages after further processing of our products do not exist. For details, please find our country-specific General Terms and Conditions for downloading on our homepage or ask your regional SurTec representative.

Publisher and copyright: SurTec International GmbH. Reprint, even in excerpts, only if the source is cited and a specimen copy is sent and only after consultation with SurTec International GmbH permitted.