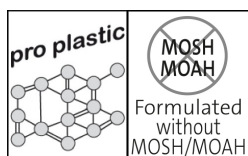
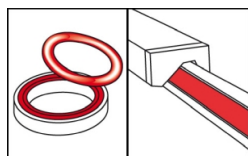


## OKS 468

### Plastic and Elastomer Adhesive Lubricant



#### Description

Silicone-free lubricant and sealing lubricant for plastic/plastic and plastic/metal combinations.

#### Applications

- Silicone-free alternative for the lubrication of O-rings and sealings during assembly.
- Lubrication of plastic parts such as gears, sliding surfaces, etc.

#### Branches

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

#### Advantages and benefits

- Excellent adhesion on plastics and metals
- Tasteless and odourless
- Consistent properties without drying out, hardening or bleeding
- NSF H1 registered
- Compatible with plastics (see table)
- Silicone-free
- Formulated without MOSH/MOAH

|                     |       |         |       |
|---------------------|-------|---------|-------|
| PP                  | ✓✓✓✓✓ | PVC     | ✓✓✓✓  |
| PC                  | ✓✓✓✓✓ | NR 40   | ✓     |
| ABS                 | ✓✓✓✓✓ | CRI/SBR | ✓✓✓   |
| PET                 | ✓✓✓✓✓ | PE      | ✓✓✓✓✓ |
| PS                  | ✓✓✓✓✓ | SI 50   | ✓✓✓✓✓ |
| EPDM <sup>[1]</sup> | ✓✓✓   | FKM     | ✓✓✓✓✓ |
| POM                 | ✓✓✓✓✓ | PTFE    | ✓✓✓✓✓ |

<sup>[1]</sup> Discolouration of the grease can occur. A change in the strength of the EPDM could not be established.

- ✓ incompatible
- ✓✓ compatible to a restricted extent
- ✓✓✓ limited compatibility
- ✓✓✓✓ high compatibility
- ✓✓✓✓✓ complete compatibility

#### Application tips

Clean the lubricating points well for optimal effect. Apply the grease evenly and thinly to the functional surfaces with a brush, spatula, etc. Avoid excesses. Observe the machine manufacturer's instructions. Due to the high number of polymers and elastomers used we highly recommend that you always carry out tests beforehand at critical applications. Assess the lubrication frequency and quantity on basis of service conditions. Only mix with suitable lubricants.

**OKS 468****Plastic and Elastomer Adhesive Lubricant****Packaging**

- 1 kg Can
- 5 kg Hobcock

**Technical data**

|                                           | Standard        | Conditions | Unit               | Value                                   |
|-------------------------------------------|-----------------|------------|--------------------|-----------------------------------------|
| <b>Main components</b>                    |                 |            |                    |                                         |
| base oil                                  |                 |            |                    | polyalphaolefine                        |
| thickener                                 |                 |            |                    | inorganic                               |
| <b>Application related technical data</b> |                 |            |                    |                                         |
| Viscosity base oil                        | DIN 51 562-1    | at 40°C    | mm <sup>2</sup> /s | 1,700                                   |
| unworked penetration                      | DIN ISO 2137    |            | 0.1 mm             | 290-330                                 |
| lower operating temperature               |                 |            | °C                 | -25                                     |
| upper operating temperature               |                 |            | °C                 | 150                                     |
| colour                                    |                 |            |                    | transparent                             |
| density                                   | DIN EN ISO 3838 | at 20°C    | g/cm <sup>3</sup>  | 0.84                                    |
| <b>Properties and approvals</b>           |                 |            |                    |                                         |
| approval for food processing technology   |                 |            |                    | <a href="#">NSF H1, Reg.-Nr. 135591</a> |

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