

## Technical Data Sheet

# Interflon Lube EPR

### Dry coating for (high speed) railway applications

Special dry and transparent coating with MicPol® Technology for railway applications which acts like a lubricant. Makes visual inspection of components easy. Significantly reduces energy consumption and lowers friction. Prevents the adhesion of dirt and dust. Protects against moisture and corrosion. Minor impact on the environment.

Developed to extend intervals between maintenance, reduce maintenance efforts as well as to reduce the contamination of the area around S&C. Improves the reliability and safe operation of the railway network whilst resulting in significant cost savings. Interflon Lube EPR is virtually insensitive to sunlight, UV radiation, rain, snow, frost and temperature fluctuations. The product reduce the pollution of the soil, ground water and surface waters. Can be applied in wet weather conditions. Displaces moisture, creeps under the movable switch rail, the switch rail heel and other hard-to-access locations to clean and protect them.

### Applications

S&C Slide chairs, expansion joints, mechanical signaling equipment, locking devices, wire runs and line side pulleys. Also suitable for protecting various sliding surfaces, brake block screws on railway cars, screws that are exposed to the elements and that must be disassembled regularly, steel cables and chains.

### Advantages

- ⦿ Significantly reduces maintenance costs through less maintenance and lower lubricant consumption
- ⦿ Reduces the load of switch motors and lateral forces on rails by freeing the point heels
- ⦿ Minimum quantities required
- ⦿ Can be applied quickly in a standing position using a standard knapsack sprayer even at sub-zero temperatures
- ⦿ Makes visual inspection possible due to the transparent nature of the product
- ⦿ Cleaning and switching of the slide chairs is not required during re-application
- ⦿ Can even be applied during rain
- ⦿ Extremely low environmental impact
- ⦿ PFAS free

### Instructions for use

adhere properly to the metal surface. Spray, pour or brush 2 to 4 ml onto each surface to be lubricated. Re-coat regularly, depending on the environmental conditions. Consult your Interflon Rail Consultant for the right application procedure.

When applied in an automatic lubrication system, an agitation system is required. Please consult your technical advisor for more specific details.

Property	Result	Method
Composition	Mixture of mineral and vegetable oils, additives and Micpol®	
Colour	Yellowish brown	
Odour	Like oil	
Density 20°C	0.85 g/cm <sup>3</sup>	
Kinematic viscosity 40°C	24 cSt	ASTM D445
Lowest application temperature	-45°C	
Highest application temperature**	170°C	
Biodegradability	95%	OECD 301F
Manufacturing date	The batch number consists of a 8-digit number. The first 4 numbers represent the YY/MM of the manufacturing.	
Shelf life*	4 years	
Conductivity	>2000 pS/m	ASTM D2624
Dielectric strength	160 kV/cm	NF EN 60156

\* Shelf life of the product in original and unopened packaging. Storage temperatures <0°C need to be avoided to guarantee product quality. \*\* High temperature limit is valid after evaporation of solvent.

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