

## PRODUCT INFORMATION

# LASER-LOTION PROTEC LC20A

## PROTECTS FROM SPATTER AND SLAG DURING LASER CUTTING PROCESSES

### PROPERTIES

- LASER-LOTION PROTEC LC20A is an anti-spatter agent **to protect from spatter and slag during laser cutting**
- Optimised to **protect sheet metal panels, pipes, profiles and equipment** (supports) used during laser cutting
- Protects any type of metal surface from spatter (**steel, stainless steel, aluminium, etc.**)
- **no silicone**, non-flammable and biodegradable.

### ADVANTAGES

- Does not **leave residue** and develops a particularly low level of **emissions**
- **Process safety**, also for follow-on processes (barrel finishes, bending edges, welding, etc.)
- **Suitable** for all conventional **coating procedures** (painting, cataphoresis, powder coating, galvanising, electroplating, etc.)

### BENEFITS

- Increased quality by **preventing spatter, providing dry and clean metal surfaces**, no reworking required
- **Reduced cleaning costs** on the grating (support bars) of the laser system
- **Increased productivity** of the laser system as the beam moves more easily following penetration

### APPLICATION

Spray the protection areas on workpieces immediately before cutting. Regularly apply to supports. Processes suitable for automatic spraying systems. Manual application using the Pump-Sprayer PROTEC HSP4K or PROTEC pressure sprayer.

**Check material durability prior to first use (containers, cables, etc.)**

**Shake before use. Protect from frost.**

### SPECIFICATIONS

<b>Effective ingredient type</b>	Herbal fatty acid products with fatty alcohol ethoxylates in emulsion on water basis	<b>Flash point</b>	n. a
<b>Density (20°C)</b>	0.99 g/ml	<b>pH value</b>	7,4
<b>Viscosity (20°C)</b>	9.8 sec DIN 53211/4	<b>Shelf life</b>	At minimum 6 months
<b>Trading unit</b>	10 litre canister, ID no. A005.010	<b>Safety datasheet</b>	No. 02Ds8 (www.protec-austria.com)