

SurTec® 448

Varnish Remover

CHC-free

Properties

- acidic; chlorinated hydrocarbon-free; contains solvents
- two phases (operating phase, covering phase)
- removes most commercial lacquers such as epoxy and polyurethane lacquers
- suited for steel and aluminium; zinc, zinc die cast and nonferrous metals should be tested before application
- attacks hardened steel, magnesium and cadmium
- may attack rubber and plastic

Application

Use SurTec 448 as delivered. Add the covering phase SurTec 448 A separately (1-3 %, according to needs). The parts need to be absolutely water-free. Make sure that the parts immerse completely into the operating phase.

temperature:	20-40 °C
tank material:	stainless steel
application time:	0.5 h to several hours, depending on lacquers
exhaust:	necessary
hints:	Drain the parts well over the bath; then spray with water in a subsequent rinse.

Technical Specification

(at 20 °C)	Appearance	Density (g/ml)	pH-value (conc.)
SurTec 448	liquid, light yellow-brownish, clear	1.075 (1.06-1.09)	1.7

Ingredients

- benzyl alcohol
- organic acids
- inhibitors
- surfactants

Product Safety and Ecology

The safety instructions and the instructions for environmental protection have to be followed in order to avoid hazards for people and environment. The Material Safety Data Sheets (according to European legislation) contain explicit details for this.

The following hazard designations and classifications into water hazard classes (WHC) have to be taken into account:

<u>product</u>	<u>hazard designation</u>	<u>water hazard class</u>
SurTec 448	C -Corrosive	WHC 2

Warranty

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 the subsequent treatment of our products do not exist. For details please consider our [general terms and conditions](#).

Further Information and Contact

In our forum, you can discuss topics of the surface technology:
<http://forum.SurTec.com/>

If you have any questions concerning the process, please contact your local technical department: <http://SurTec.com/International.html>

7 May 2009/DK, OP