

**S13 SURVEY REPORT**

**Group 13**

**Electro auxiliary products**




This survey report gives a comprehensive overview of product group 13. For further information please refer to the technical reports (TR), in which the mentioned products are described in detail.

For more extensive advice, our application technology department (ATD) is at your disposal at any time.

**The first column of this survey corresponds to the order in which our technical reports (TR) are filed in the report manual and/or supplements and new technical reports are to be added. Thus this survey also serves as a table of contents of product group 13.**

**The products mentioned in this survey do not contain substances listed in the RoHS directive 2002/95/EC, the EU End-of-Life Vehicle directive 2000/53/EC ("lead-free regulation") and the WEEE directive 2002/96/EC. Detailed information on these directives that restrict or prohibit the use of certain hazardous substances can be accessed in the "Service" section on our website [www.peters.de](http://www.peters.de) – "Directives/restrictions of substances".**

 characterises products that are particularly suitable for application in optoelectronics

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## 1. Sealing mastic

Product (series)	Application and special properties
Sealing mastic <b>EH 13.271</b> , light grey	<ul style="list-style-type: none"> <li>• solvent-free, physiologically sound paste</li> <li>• auxiliary product in the processing of casting compounds and casting resins</li> <li>• for the sealing of casting moulds, cable outlets, etc., for general sealing jobs in all fields of electrotechnology</li> <li>• easily moulded in the hand</li> <li>• self-adhesive</li> <li>• permelastatic</li> <li>• resistant to cold, heat and other climatic conditions</li> </ul>

## 2. Conductive lacquer

Product (series)	Application and special properties
Conductive lacquer <b>EH 13.344</b> , black	<ul style="list-style-type: none"> <li>• prevents and discharges static</li> <li>• increases electromagnetic compatibility and screens high-frequency radiation</li> <li>• for coating the interiors of casings and packagings which are designed to protect highly sensitive electronics from static</li> <li>• easy to process by means of brushing or spraying</li> <li>• already dries at room temperature</li> <li>• exhibits good adhesion to numerous materials</li> </ul>

## 3. Diffuser-Ink for the **ELPEGUARD®** thick film lacquers of the series **TWIN-CURE®**

Product (series)	Application and special properties
Diffuser-Ink <b>EH 13.400 UV</b> , colourless transparent  	<ul style="list-style-type: none"> <li>• UV curing</li> <li>• matt-effect lacquer system to achieve a light diffusing effect and thus increase the spreading angle of LEDs</li> <li>• is applied as an additional coating over the <b>ELPEGUARD®</b> thick film lacquers of the series <b>TWIN-CURE®</b> since <b>EH 13.400 UV</b> is purely of an optical nature and has no electrical insulation properties</li> </ul>

## 4. Mould release agent

Product (series)	Application and special properties
Mould release agent <b>EH 13.650</b>	<ul style="list-style-type: none"> <li>• auxiliary product in the processing of casting compounds and casting resins based on polyester, epoxy resin (EP) and polyurethane resin (PUR)</li> <li>• for pretreating the surfaces to be potted; after curing the potting can be easily removed without residues even from complicated moulds</li> <li>• application by spraying, dipping, pouring, brushing or by means of a lint-free cloth</li> <li>• solvent-free</li> <li>• silicone- and grease-free</li> </ul>

## 5. Cleaning agents

Product (series)	Application and special properties
Cleaning agent <b>R 13.720</b>	<ul style="list-style-type: none"> <li>• universal cold cleaner/degreaser for use in electrical engineering</li> <li>• does not attack parts, e.g. windings, thus particularly suitable for cleaning electro-engines during repair or maintenance work</li> <li>• quick and thorough cleaning effect</li> <li>• evaporates residue-free</li> </ul>
Cleaning agent <b>R 13.780</b>	<ul style="list-style-type: none"> <li>• universal cold cleaner for 2-pack casting resins and casting compounds based on polyester, epoxy resin (EP), polyurethane resin (PUR) and silicone-rubber</li> <li>• for cleaning workplace and tools</li> <li>• quick and thorough cleaning effect</li> <li>• evaporates residue-free</li> </ul>

## 6. Adhesion promoters for casting compounds based on epoxy resin (EP) and polyurethane resin (PUR)

Product (series)	Application and special properties
Adhesion promoters of the series <b>EH 13.950</b> EH 13.950 EH 13.951	<ul style="list-style-type: none"> <li>• adhesion promoters to improve the adhesion of numerous casting compounds and casting resins based on polyurethane resin (PUR) or epoxy resin (EP) and electropastes</li> <li>• <b>EH 13.950</b> is applied thinly to the parts that will come into contact with the casting compound. After the solvent has evaporated potting can be immediately effected</li> <li>• <b>EH 13.951</b> is mixed thoroughly with the casting compound prior to potting. Concentration: 1 - 3%</li> </ul>

### Any questions?

We would be pleased to offer you advice and assistance in choosing the right product and solving your problems. Free samples and technical literature are available upon request.

The above information as well as advice given by our Application Technology Department whether in verbal or written form or during product evaluations is provided to the best of our knowledge, but must be regarded as non-binding recommendations, also with respect to possible third-party proprietary rights.

The products are exclusively intended for the applications indicated in the corresponding technical data sheets.

The advisory service does not exempt you from performing your own assessments, in particular of our material safety data sheets and technical information sheets, and of our products as regards their suitability for the applications intended. The application, use and processing of our products and of the products manufactured by you based on the advice given by our Application Technology Department are beyond our control and thus entirely your responsibility. The sale of our products is effected in accordance with our current terms of sale and delivery.

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