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## Technical Data Sheet **DIRIN 530 A2B2E2K2HgNO20CO – P3R**

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<b>Order no.:</b>	322 888												
<b>Product designation:</b>	Multi-type Combined Filter DIRIN 530 A2 B2 E2 K2 HG NO 20CO – P3R												
<b>Applied standard:</b>	DIN EN 14387 / DIN 58620 (DIN = German Institute for Standardization)												
<b>Utilization:</b>	<p>In connection with full masks (DIN EN 136) with round thread connection (DIN EN 148-1).          In connection with Filter carrying device S/03016 and half masks (DIN EN 140) with round thread connection (DIN EN 148-1).          Protection against organic gases and vapours with a boiling point &gt; 65°C,          inorganic gases and vapours, sulphur dioxide, ammonia, mercury vapours, oxides of nitrogen, carbon monoxide, as well as particles of toxic and highly toxic substances.</p>												
<b>Description:</b>	<p>The filter case is round and consists of filter pot and filter lid. The filter pot contains the round thread connection according to DIN EN 148-1; the filter lid is open to the inhalation side. There is a filter bed with activated charcoal and hopcalite. This is firmly fixed by the filter case and internal screens. The particle filter is positioned with inhalation side in front of the gas filter part. The particle filter consists of one construction unit and has bar folding. A gastight connection between the particle filter and the case is provided. Both filter openings are locked by water-vapour-proof cover caps.</p>												
<b>Materials:</b>	<table> <tr> <td>Filter pot:</td> <td>Aluminium, inside coated</td> </tr> <tr> <td>Filter lid:</td> <td>ABS, self-extinguishing</td> </tr> <tr> <td>Sorbents:</td> <td>impregnated active charcoal and hopcalite</td> </tr> <tr> <td>Particle filter:</td> <td>Microfiberglass, Cellulose fibers, Addition (BIOSTOP)</td> </tr> <tr> <td>Cover cap:</td> <td>Plastic</td> </tr> <tr> <td>Banderole:</td> <td>Paper</td> </tr> </table>	Filter pot:	Aluminium, inside coated	Filter lid:	ABS, self-extinguishing	Sorbents:	impregnated active charcoal and hopcalite	Particle filter:	Microfiberglass, Cellulose fibers, Addition (BIOSTOP)	Cover cap:	Plastic	Banderole:	Paper
Filter pot:	Aluminium, inside coated												
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Particle filter:	Microfiberglass, Cellulose fibers, Addition (BIOSTOP)												
Cover cap:	Plastic												
Banderole:	Paper												
<b>Operating principle:</b>	<p>By addition to sorbent (Impregnated active charcoal) and hopcalite (only at CO), the gases and vapours will be removed from the ambient air.          Particles are filtered through the BIOSTOP microfiberglass filter.</p>												
<b>Weight:</b>	approx. 428 gram												
<b>Inhalation resistance:</b>	<p>at 30 l/min, constant flow max. 2.6 mbar (according to 14387)          at 95 l/min, constant flow max. 9.8 mbar (according to 14387)</p>												
<b>Marking:</b>	<p>Trade mark of manufacturer (LOGO)          Product designation          Applied standard          Consider the Instructions of use          Expiry of shelf-life (MM/YYYY)          Lot-No. (PARTITA)          CE-Identification          Notified body          Identification color: brown – grey – yellow – green – red – blue – black – white</p>												
<b>Handling:</b>	Open the Filter (Remove the cover caps) and screw the Filter firmly into the facepiece connector directly before use.												
<b>Storage conditions:</b>	Ambient temperature. Protect against cold, heat and humidity. Consider conditions noted on the packaging.												
<b>Warning reference:</b>	Please consider the Instructions for use!												
<b>User references:</b>	<p>EKASTU Safety GmbH guarantees the indicated achievement according to class and type. It is to be noted that the laboratory test values can considerably deviate from those which are reached in practice. This can lead to longer or shorter preservation time. The user must read and understand all functional information. Use the Shotblasting protective apparatus according to the information brochure only, the valid legal requirements and safety regulations of the professional associations in particular the application rules according to BGR 190 resp. DIN EN 529 „Respiratory protective devices - Recommendations for selection, application, care and maintenance – guide“.</p>												