

## Technical Data Sheet

## M@NDIL SL FFP3/V D

|  |  |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
|--|--|------------------|-----|------------------|----------------------------|----------|----------------------|--------------------|--------------|-------------------|--------------------------------------|
| <b>Order no.:</b>                      | 414 218  |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Product designation:</b>            | Filtering Facepiece M@NDIL SL FFP3/V D   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Applied standard:</b>               | DIN EN 149:2009 (DIN = German Institute for Standardization)   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Utilization:</b>                    | <p>Protection against firm and liquid particles of toxic and highly toxic substances, including exhalation valve.<br/>         Application limit: 50 times the NPF value.<br/>         Fulfilling the additional requirement against high dust pollution (Dolomite clogging test = D)<br/>         The scope of protection is determined by the product information, technical standards and valid application rules.</p>  |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Description:</b>                    | The filtering facepiece M@NDIL consists of several material layers.  |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Materials:</b>                      | <p>Several used materials are incinerated.</p> <table border="0"> <tr> <td>Particle filter:</td> <td>Microfiberglass/Melt Blown</td> </tr> <tr> <td>Harness:</td> <td>Textile elastic band</td> </tr> <tr> <td>Inner sealing lip:</td> <td>Polyurethane</td> </tr> <tr> <td>Exhalation valve:</td> <td>Housing: Polypropylene; Disc: Rubber</td> </tr> </table>  |                  |     | Particle filter: | Microfiberglass/Melt Blown | Harness: | Textile elastic band | Inner sealing lip: | Polyurethane | Exhalation valve: | Housing: Polypropylene; Disc: Rubber |
| Particle filter:                       | Microfiberglass/Melt Blown   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| Harness:                               | Textile elastic band   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| Inner sealing lip:                     | Polyurethane   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| Exhalation valve:                      | Housing: Polypropylene; Disc: Rubber   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Operating principle:</b>            | Particles are filtered through the Melt Blown-Filter.  |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Weight:</b>                         | approx. 16 g   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Particle separation efficiency:</b> | Test Aerosol:  | Sodium chloride: | 99% |                  |                            |          |                      |                    |              |                   |                                      |
|  | Minimum separation efficiency:   | Paraffin oil:    | 99% |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Inhalation resistance:</b>          | at 30 l/min, constant flow max. 1.0 mbar (according to EN 149)<br>at 95 l/min, constant flow max. 3.0 mbar (according to EN 149)   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Exhalation resistance:</b>          | at 160 l/min, constant flow max. 3.0 mbar (according to EN 149)  |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Marking:</b>                        | Trade mark of manufacturer (LOGO)<br>Product designation<br>Item number<br>Applied standard<br>Expiry of shelf-life (YYYY/MM/DD) or (YYYY)<br>Consider the information brochure<br>Lot-No.<br>CE-Identification<br>Notified body<br>Identification color: white  |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Handling:</b>                       | Take the Filtering Facepiece out of the packing directly before use.<br>Don the Filtering Facepiece over the mouth, nose and chin in accordance with the instructions (See retail packaging)   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Storage conditions:</b>             | Ambient temperature. Protect against cold, heat and humidity.<br>Consider conditions noted on the packaging.   |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>Warning reference:</b>              | Please consider the information brochure!  |                  |     |                  |                            |          |                      |                    |              |                   |                                      |
| <b>User references:</b>                | 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. The user must read and understand all functional information. Use the Respiratory protective devices with this information brochure, the relevant valid statutory regulations and the safety requirements of the profession associations, particularly the regulations for use in accordance with DGUV Rule 112-190 resp. DIN EN 529 'Respiratory protective devices – recommendation for selection, use, care and maintenance – guidelines'. |                  |     |                  |                            |          |                      |                    |              |                   |                                      |

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