



<b>Product:</b>	SafeGuard	
<b>Trademark:</b>	SAFE®	
<b>REF:</b>	973	
<b>Manufacturer:</b>	DACH Schutzbekleidung GmbH & Co. KG	

<b>Classification:</b>	CAT III according to the Personal Protective Equipment (PPE) Regulation (EU) 2016/425.				
<b>Protection class:</b>	<b>Type</b>	<b>Standard</b>	<b>Description</b>		
	PB <sup>(*)</sup> [6]	EN 13034	Protective clothing against liquid chemicals - Performance requirements for chemical protective clothing offering limited protective performance against liquid chemicals		
		EN 1149-5	Protective clothing - Electrostatic properties - Part 5: Material performance and design requirements		
	(*) "PB" means Partial Body Protection.				
					
<b>Material:</b>	<ul style="list-style-type: none"> <li>Fabric: Tri-laminate, 100% polypropylene, antistatic treated.</li> <li>Elastic: synthetic elastomer, free from natural latex</li> </ul>				
<b>Product description:</b>	<p>The SafeGuard is made of a particle-filtering, liquid-repellent spunbonded fabric manufactured with SMS technology.</p> <p>The opening of the overshoe is enclosed with an elastic band.</p> <p>Cleanroom classification: Category II according to IEST-RP-CC003.3, Helmke Drum Test. According to the assessment of the laboratories, category II products can be applied in ISO cleanrooms of classes 7-9.</p>				
<b>Product performance:</b>	<b>Physical Properties</b>				
	<i>Property</i>	<i>Standard</i>	<i>Unit</i>	<i>Result</i>	<i>EN-Class/Pass</i>
	Abrasion resistance	EN 530 method 2	Cycles	> 500	Pass

	Tear resistance (trapezoidal) (Tansversal/longitudinal)	EN ISO 9073-4	Cycles	>60/>20	Pass
	Tensile strength (Tansversal/longitudinal)	EN ISO 13934-1	N	>100/>60	Pass
	Puncture resistance	EN 863	N	>5	Pass
	Seam strength	EN ISO 13935-2	N	>75	Pass
<b>Resistance against penetration by liquid chemicals accordingly EN ISO 6530:</b>					
	<i>Chemical</i>		<i>Repellency-index [%]</i>	<i>EN-Class</i>	<i>Penetration-index [%]</i>
	Sulphuric Acid (30%)		>95	3	< 1
	Sodium Hydroxide (10%)		>95	3	< 1
	Butan-1-ol		< 80	0	> 10
	o-xilene		0	0	> 10
<b>Test results Helmke-Drum Test IEST-PR-CC003.4 (Average)</b>					
	<i>Particle size</i>		<i>Particle count (per cm<sup>2</sup>)</i>		Helmke-Drum Test IEST-PR-CC003.4
	≥ 0,3 µm - < 0,5 µm		0,0079		
	≥ 0,5 µm - <1,0 µm		0,0109		
	≥ 1,0 µm - < 5,0 µm		0,0230		
	≥ 5,0 µm		0,0043		
<b>Size:</b>	Length: 39 cm, height: 20 cm Suitable for shoe size 38 to 45.				
<b>Color:</b>	White				
<b>Packaging and variants:</b>	<b>Packaging</b>			<b>Quantity</b>	
	Bag			10 Pair	
	Shipping carton			200 Pair	

<b>GTIN:</b>	<b>973</b>	4049825004134
<b>Storage:</b>	Store dry in original packaging without direct sunlight. (see packaging) If the storage conditions are observed, the product has a storage life of 10 years. (see labeling on the product)	
<b>Environmental compatibility and disposal:</b>	In the case of contaminated products, the type and extent of contamination determines the disposal, and the applicable laws and regulations of the relevant country must be followed. A non-contaminated product can be thermally recycled or disposed of in landfills without releasing toxic substances.	