




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

Classification:	CAT III according to the Personal Protective Equipment (PPE) Regulation (EU) 2016/425.				
Protection class:	Type	Standard		Description	
	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.				
					
Material:	<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>				
Product description:	<p>The SafeGuard is made of a particle-filtering, liquid-repellent spunbonded fabric manufactured with SMS technology. The non-slip sole provides a secure footing even on smooth floors.</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>				
Product performance:	Physical Properties				
	Property	Standard	Unit	Result	EN-Class/Pass

	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	
	Resistance against penetration by liquid chemicals accordingly EN ISO 6530:					
	Chemical		Repellency- index [%]	EN-Class	Penetratio n-index [%]	EN- Class
	Sulphuric Acid (30%)		>95	3	< 1	3
	Sodium Hydroxide (10%)		>95	3	< 1	3
	Butan-1-ol		< 80	0	> 10	0
	o-xilene		0	0	> 10	0
	Test results Helmke-Drum Test IEST-PR-CC003.4 (Average)					
	Particle size	Particle count (per cm²)			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				
Size:	Length: 39 cm, height: 20 cm Suitable for shoe size 38 to 45.					
Color:	White					
Packaging and variants:	Packaging		Quantity			
	Bag		10 Pair			



	Shipping carton	200 Pair
GTIN:	973	4049825004134
Storage:	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)	
Environmental compatibility and disposal:	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.	