

sempermed®   
syntegra UV

**ALLERGIES COULD  
STRIKE YOU TOO!**

BECAUSE WE VALUE YOUR SKIN AS MUCH  
AS YOU DO: SEMPERMED® SYNTEGRA UV

EARTO INNOVATION AWARD 2016



■ LATEX FREE

■ NO VULCANISATION ACCELERATOR

EARTO=European Association of Research  
and Technology Organisations

**100**  YEARS  
- EST. 1920 -  
sempermed®  
YOUR GLOBAL GLOVE EXPERT

# always

SEMPERMED® SYNTEGRA UV

## CONTACT ALLERGIES ARE ON THE INCREASE WORLDWIDE.

**Do you work in a hospital? Then you probably know someone who has, or has had, an allergy.**

While latex (type I) allergies are declining, type IV allergies, such as contact dermatitis, are significantly on the rise. What's particularly unsettling about this is that: even after years of working, our bodies can still develop an intolerance. More than **2,800 substances** can trigger skin allergies. In **80 %** of cases **caused by gloves**, contact allergies are triggered by **vulcanisation accelerators**.<sup>1)</sup>

### UNCERTAINTY LEADS TO STRESS.

The skin is our largest bodily organ. It is a sensory perceptive field that is extremely sensitive and intimate. When we're naked, we feel defenseless. Since our skin is also especially 'close' to us, skin allergies are also particularly unpleasant on a psychological level.

In addition to physical symptoms such as itchiness, there are psychological stresses: Will my condition get worse? Will I be able to carry on working at all?

### PREVENTION IS BETTER THAN A CURE.

That's why, for us at SEMPERMED, we are concerned with more than just skin protection, we are concerned about you as a whole. Our research is aimed at all of you and not just your hands. For this reason, we have developed **sempermed® syntegra UV**.

### Your benefits include:

- **VERY HIGH SKIN TOLERANCE TO THE MATERIAL** – because the glove is made of polyisoprene and free of latex and accelerators
- **AS COMFORTABLE AS LATEX TO WEAR** – thanks to the innovative polyisoprene
- **LESS TIRING ON THE HANDS** – since the glove is anatomically shaped to offer good hand mobility
- **LONG-LASTING SECURITY** – prevents certain allergies and sensitisation of skin



<sup>1)</sup>Sources: Rimmel-Schick E., (3/2004): 'Latex allergy as an occupational disorder'; Gardner, N. (9/2002): 'Glove reactions'; M. Pesonen et al. (2015): 'Patch test results of the European baseline series among patients with occupational contact dermatitis across Europe – analyses of the European Surveillance System on Contact Allergy network, 2002–2010'; University of Michigan, (2015): 'The impact of national level interventions to improve hygiene on the incidence of irritant contact dermatitis in healthcare workers: changes in incidence from 1996-2012 and interrupted times series analysis', published in the British Journal of Dermatology

# always

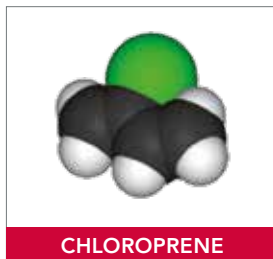
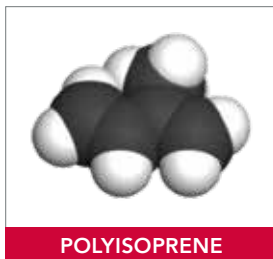
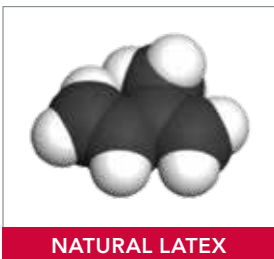
## RESEARCH FOR YOUR PROTECTION. WINNER OF THE 2016 EARTO INNOVATION AWARD.

After long years of research work, SEMPERMED has succeeded in producing the first polyisoprene surgical glove in the world that gives you more freedom of movement to work

- because it's not only free of latex proteins
- but also completely free of vulcanisation accelerators
- and thanks to its polyisoprene material, which is similar to natural latex, the glove also scores points by imitating the much-loved comfort of natural latex.

## PLEASANT AND COMFORTABLE – POLYISOPRENE MATERIAL

In contrast to chloroprene rubber, the molecular structure of natural rubber has a 1:1 correspondence with that of polyisoprene rubber, as the spherical molecule model below shows.



**The advantage for you? Comfort as if you were wearing a latex glove with 100 % protection against latex allergies.**



## BORN FROM LIGHT - THE PATENTED PRODUCTION PROCESS

The cross-linking of the molecules is carried out by UV light and does not require any vulcanisation accelerators, which are needed for conventional gloves.

«The **sempermed® syntegra UV** is the first **ANTI-ALLERGENIC POLYISOPRENE SURGICAL GLOVE**, that's not only produced without natural latex, but also without vulcanisation accelerators.



This guarantees high levels of security and skin tolerance along with natural latex-like comfort.»



Dr. Raimund Schaller, largely responsible for research and development of new products at Sempermed for over 30 years.

## TECHNICAL DATA



<b>TYPE</b>	Sterile surgical glove for single use, powder free, with synthetic inner coating		ACCELERATOR-FREE
<b>MATERIAL</b>	Synthetic polyisoprene		
<b>COLOUR</b>	White		NATURAL LATEX FREE
<b>GLOVE SHAPE</b>	Fully anatomical, with rolled edge		
<b>SIZE/OVERALL LENGTH</b> as per EN 455-2	5½, 6 and 6½ / median 270 mm 7, 7½ and 8 / median 280 mm 8½ and 9 / median 285 mm		
<b>WALL THICKNESS</b> measured in single layer in the palm area	0.19-0.25 mm		
<b>BARRIER PERFORMANCE</b> Tightness exceeding EN 455-1 (AQL 0.65 instead of AQL 1.5)	AQL 0.65		
<b>FORCE AT BREAK</b> as per EN 455-2	≥ 9 N		
<b>DURABILITY</b> in original packaging if stored as per DIN 7716, ISO 2230	3 years		
<b>STERILISATION</b>	Radiation <span style="border: 1px solid black; padding: 0 2px;">STERILE R</span>		
<b>PACKAGING</b>	Left and right glove turned up cuff in inner pouch, ozone-tight, sealed in flat medical fibre-free peel pack. In dispenser carton with sterilisation indicator: 40 pairs In transport carton with sterilisation indicator: 240 pairs		
<b>LABELLING</b>	EN 455-1/-2/-3/-4, EN 420, EN 421, EN ISO 374-1, EN 374-2, EN 556, EN 16523-1, EN 374-4, EN ISO 374-5, ISO 15223-1		
<b>PURPOSE</b> as set out in MD Directive 93/42/EEC as set out in PPE Regulation (EU) 2016/425	Medical device class IIa Single-use protective glove – PPE category III (protection against chemical substances for limited time)*		 
<b>ARTICLE NUMBERS</b>	Size 5½ 827058521	Size 7½ 827058721	
	Size 6 827058601	Size 8 827058801	
	Size 6½ 827058621	Size 8½ 827058821	
	Size 7 827058701	Size 9 827058901	



## BEST QUALITY MADE IN AUSTRIA

Produced in Austria, worn everywhere. Producing gloves means assuming responsibility not only for your safety but also for the safety of future generations. Our production site's central location in the heart of Europe often leads to short transport routes and, therefore, a lower environmental impact. Aside from sustainable production and with respect to highest ethical and social standards, Sempermed is committed to the standards of the International Labour Organisation (ILO) and an active member of the Business Social Compliance Initiative (Amfori BSCI).

## CONTACT US!

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\* Please note the Sempermed Chemical Resistance list is available on <https://www.sempermed.com/knowledge-area/chemical-resistance/chemical-resistance-sempermed-brands/>  
**IMPORTANT NOTE:** The latest product information is available at [www.sempermed.com](http://www.sempermed.com) under the «Products» tab. Failure to observe this information, in particular with regard to (chemical) resistance, frequency of use and tolerability of the gloves, can result in personal injury and/or material damage. **Semperit is not liable for incorrect use of the gloves nor will Semperit be liable for improper storage and handling.** In case of damage or unusual signs of wear and tear, gloves shall not be used. In case of any doubt, expert advice should be sought before use. The information and classification is up to date as of the date of publication. Technical details are average values from production and may vary in individual cases. This disclaimer is subject to mistakes, printing errors and amendments. **CAUTION: Natural latex can cause allergic reactions, including anaphylactic shock. Semperit bears no liability for allergic reactions.** ©Copyright 2022 Sempermed