SUPRATHEL®

The temporary second skin

PMI
The Wound Healing Company

SKIN

Synthetic, absorbable, one-time application membrane and alloplastic skin substitute for the treatment of wounds, split-skin donor sites, and burns.

PRODUCT SUMMARY

SUPRATHEL® is a thin, microporous, synthetic membrane

- Adapts to the surface of the wound
- Adheres on contact
- Not biological - Polylactic acid copolymer

SUPRATHEL® is a single application product

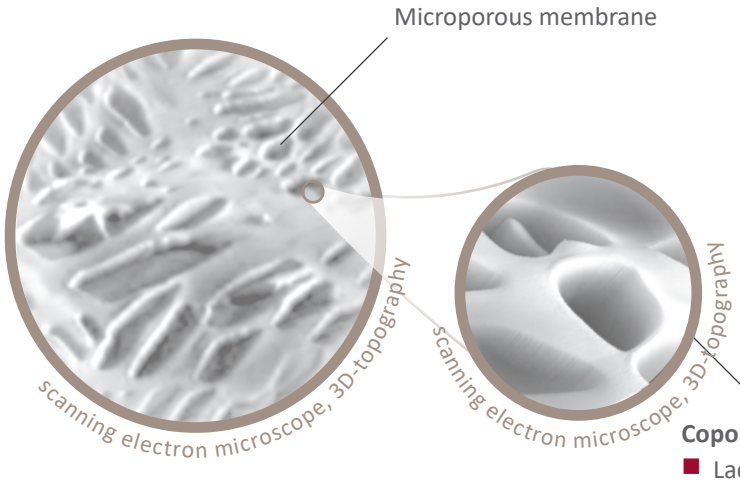
- Apply to a viable, infection free wound bed
- Membrane becomes translucent
- No change of SUPRATHEL® membrane, outer dressing change only
- Separates with epithelialization, no surgical removal required

SUPRATHEL® is well-proven technology

- Over 180,000 applications
- Market leader in key European markets

INDICATIONS FOR USE

- **Partial and full thickness wounds**
- **Split-thickness skin graft (STSG) donor sites**
- **Burns**
  - Superficial
  - Partial thickness
- **Cuts and abrasions**
- **Trauma and surgical wounds**
- **Ulcers**



Copolymer* from

- Lactide
- Trimethylene carbonate
- ε-Caprolactone

* The individual components have been successfully used in surgery for decades.

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KEY BENEFITS

One-time wound dressing, no change of SUPRATHEL® needed

Significant pain relief by up to 60%[1-4]

- Less anesthesia and pain medication required[1,5,6]

Low rate of infections, no biologic risk[1,2,5,7-9]

- Synthetic, biocompatible, absorbable
- No reported allergic reactions

Fast wound healing[1,2,5]

- Improved epithelization[3-11]

Lower treatment costs

- Less cost and effort for dressing changes[2,9]
- Shorter hospital stay[5]

Excellent cosmetic outcomes and scar quality[4,7,8]

Low inflammatory reaction[12]

Reduced transplantation rate[6]

PROPERTIES

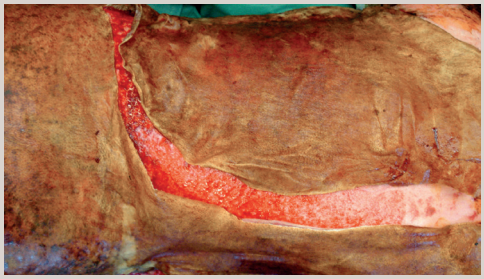
Composition:	Lactide-based copolymer
Degradation:	Hydrolytically
Plasticity:	> 50 % elongation at break
Permeability to water vapor:	40 - 70 ml/m² (hour), approx. 1,000 - 1,700 ml/m² per day
Porosity:	70 - 80%

ORDERING INFORMATION

Size	Quantity	Order No.
9 x 10 cm	1/pkg	110910-US
9 x 10 cm	5/pkg	150910-US
18 x 10 cm	1/pkg	111810-US
18 x 10 cm	5/pkg	151810-US
18 x 23 cm	1/pkg	111823-US
18 x 23 cm	5/pkg	151823-US
Face Mask, one size	1/pkg	11F001-US
Hand Shape, one size	2/pkg	12H001-US

CAUTION: Federal law restricts this device to sale by or on the order of a physician.

Case study:
Deep partial thickness burn, TBSA - 90%



Prior to OR

Debridement

Application of SUPRATHEL®

Long-term results, after 24 months

Kamolz et al., Eur. Surg. 40/2008

References

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[4] Kaartinen and Kuokkanen 2011: Burns. 2012 May;38(3):388-95
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[7] Keck et al. 2012: Burns. 2012 May;38(3):388-95
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