

On-Skin Silicone Gels (S519) [Page 1 of 2]

Overview

On-Skin Silicone Gels are intended as a simple silicone system for makeup artists who need to create realistic scar/wound effects without the need for a workshop facility. Using these materials, self-adhesive prostheses may be created at chair-side.

You can also use these gels directly on the skin to create quick wound/scar effects.

On-Skin gels are 2 part 1:1 Room Temperature cure materials supplied in dual cartridges for easy use. This method of delivery means that no air is trapped in the material during mixing. The gels are pre-coloured allowing for a range of scar types, skin tones and other effects.

Platinum, or vinyl addition, cure systems do not give off any vapours when curing, consequently, there is no shrinkage of the final piece.

APPLYING GELS DIRECTLY ONTO SKIN

The silicone may be dispensed directly onto the skin and cured in-situ.

Once the silicone has been dispensed, simply shape the material to create the desired effect. While curing is taking place, the gel can be manipulated by using a brush or spatula along with the Fine Edge Dissolver (S604) to create blended edges. As the gel cures to a tacky finish, it will stay in place without the need for an adhesive. Once the silicone has fully cured then it is no longer possible to blend the edges away.

As the surface of the On-Skin silicone gel will still be tacky it is necessary to powder the surface with talc – Procolour colouring agents (order code: P701) may be used to paint the surface if required.

USING GELS IN MOULDS

The On-Skin gels allows you to make reproducible scars when used in suitably prepared flat moulds.

Making the Mould

- 1) Sculpt scar/wound details in modelling clay
- 2) Using S517 Fast Moulding Silicone a suitable flat mould may be produced at chair-side with no need for degassing or use of an oven.

Skimming the Mould Surface

Paint a thin layer of S601 CapSkin onto the mould surface and allow solvent to evaporate. Repeat this process until a film of desired thickness has been laid down.

Take care to leave sufficient time for the solvent to evaporate, otherwise bubbles may be seen. Also, take care not to drag the brush too firmly or the film may be damaged or wrinkled.

Ensure that the film adequately covers the visible mould surface and ensure that sufficient CapSkin is

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painted around the appliance edges to allow for bleeding the edges away later.

Using the Material

Refer to the enclosed sheet ‘Use of Cartridge Dispensed Systems’ for information on how to prepare and use the gun with On-Skin Gels – this will tell you how to attach the nozzles and to ensure that you have a good flow of material from the nozzle.

Place the tip of the nozzle near the surface of the mould – take care not to damage the CapSkin layer. Squeeze the gun trigger and dispense enough silicone to fill the cavity. The silicone will self-level so should flow into all the mould details.

It is advised that you keep the tip of the nozzle ‘inside’ the silicone mass as this will reduce the chance of introducing any air bubbles through entrapment

Use a plastic or wooden spatula (or similar) to scrape away any excess silicone from the mould – take care not to scrape all the silicone from the mould – the intention is to remove only the excess which may have spilled over onto the flat land area of the mould. This process helps to create very fine edges to your prosthesis. Also take care not to damage the CapSkin layer.

Curing

	Work Time (at room temp)	Cure time (at room temp)	Cure time (at 90deg C)
On-skin Silicone Gels	5 mins	30 mins	5 mins

Please note: Work times are dependent on ambient working temperature.

Applying the piece

Once the silicone has cured, apply a thin layer of suitable skin adhesive to the back of the piece (up to the edge of the prosthesis – take care not to go over the edge) and allow to cure.

Place the mould over the skin and press firmly. Carefully begin to peel the soft mould away from the skin – use a spatula (or similar) to ensure that the CapSkin coating of the prosthesis comes away from the mould surface and hold in place while you proceed to peel the mould fully away. The prosthesis should remain in place on the skin surface.

Using a brush and the Thin Edge Dissolver (S604), carefully blend away the CapSkin edge. With the prosthesis stuck in place, hold the CapSkin edge away from the skin and gently rub with the brush to break through the polyurethane layer and remove excess

Removal

Simply peel the prosthesis from the skin. The use of ProBond Remover (G608) will help in the process.



1. Identification of Substance & Company:

Product Name(s)	Principality FX On-Skin Silicone Gels
Product Code(s)	S519
Medical Device Class	Class I (according to Annex IX of EC Directive 93/42/EEC)
Product Category /Classification	G5 (according to Annex IX of EC Directive 93/42/EEC)
Main Use	Creation of custom silicone make-up effects
Company	MBI (Wales) Ltd 5 York Park Bridgend South Wales, UK. CF31 3TB
Tel (& Emergency Tel)	(44) (0) 1656 768566
Fax	(44) (0) 1656 650780
Document Version	2
Print Date	27/04/2016

2. Composition / Information on ingredients:

Chemical Nature	Dispersion of fumed silica particles in platinum catalysed (ie. vinyl terminated) silicone fluid
Hazardous Components	None, according to EU Directive 1999/45/EC

3. Hazards Identification:

Critical Hazards	None, according to EU Directive 1999/45/EC
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4. First Aid Measures:

Eye Contact	May cause temporary irritation Irrigate with water for 15 mins, holding eyelid open
Skin Contact	Remove excess and wash with soap and water
Inhalation of Vapour	N/a
Ingestion	May result in gastric disturbances Seek medical advise

5. Fire Fighting Measures:

Hazards during firefighting	None
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6. Accidental Release Measures:

Personal Protection	Refer to Section 8
Environmental Precautions	None
Methods for clean-up	Collect with tissue or likewise and dispose as Section 13

7. Handling & Storage:

Handling	No special precautions necessary Observe good housekeeping practises (HSE guidance note CS17)
Storage	Store at room temperature or refrigerated

8. Exposure Controls / Personal Protection:

General Protective Measures	None deemed necessary
Components with workplace parameters	None, according to EU Directive 88/379/EC
Respiratory Protection	Not deemed necessary
Hand Protection	Not deemed necessary, gloves recommended
Eye Protection	Not deemed necessary, eye glasses recommended
Skin Protection	Not deemed necessary
Hygiene Measures	Do not eat, drink or smoke when handling product

9. Physical & Chemical Properties:

Physical Form	Viscous fluid
Colour	Various colours
Odour	None
Flash Point	Not determined
Vapour pressure	N/a
Relative Density	Not determined
pH	Not determined
Viscosity	Not determined

10. Stability & Reactivity:

The product is stable under normal storage conditions (refer to Section 7)	
Incompatible materials	Presence of sulphur may interfere with proper curing reaction

11. Toxicological Information:

Long term experience of this product indicates no danger to health when used correctly

12. Ecological Information:

Degradation/elimination	Product does not degrade
Bioaccumulation	No evidence for bioaccumulation
Ecotoxic effects	This product is not classified as Dangerous to the Environment

13. Disposal Considerations:

Waste product should not be discharged directly into drains or waterways.	
Disposal of product and packaging should always comply with local and national regulations	
EU waste code number	No Waste Code Number available

14. Transport Information:

This product is not classified as Dangerous for Carriage

15. Regulatory Information:

Symbol	Not subject to labelling
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16. Other Information:

All information given in this Health & Safety Data Sheet is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use nor does it replace the need for your own risk assessment. All information presented in accordance with EC Directive 2001/58/EC and is correct at date of publication and is given in good faith but without warranty. We cannot accept liability for any loss, damage or patent infringement resulting from the use of this information. As with all materials, care should be exercised when handling.