

Fast Moulding Silicone (S517) [Page 1 of 1]

Overview

The Fast Moulding Silicone is intended for makeup artists who need to create simple flat/open moulds easily and quickly and don't have access to scales, ovens or de-gassing chambers.

The material is a fast curing 1:1 room temperature cure material supplied in dual cartridges for easy use. This method of delivery means that no air is trapped in the material during mixing.

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

Refer to the enclosed sheet 'Use of Cartridge Dispensed Systems' for information on how to prepare and use the gun system for use with the Fast Moulding silicone – this will tell you how to attach the nozzles and to ensure that you have a good flow of material from the nozzle.

Making the Mould

Sculpt scar/wound details using modelling clay in moulding trays – pay attention to the feathering away of the edges as the finer the detail at this point the finer the edges of the finished prosthesis will be. Too much of a step-off here will mean that your final scar/wound prostheses will have a thick edge.

Once the clay has been carved to the desired shape, simply dispense a quantity of silicone from the gun over the surface of the sculpt. Make sure that all of the clay has been covered and that the coverage is approximately even.

It is advised that you keep the tip of the nozzle 'inside' the silicone while dispensing as this will minimise any chance of introducing bubbles by entrapment.

Curing

	Work Time (at room temp)	Cure time (at room temp)
Fast Moulding Silicone	3 mins	30 mins

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

Removal

Carefully lift the cured mould away from the clay – the mould is ready for use.

The removal should not damage the original clay sculpt so it is possible to create multiple moulds from this one piece of work.

This process is ideal when used in conjunction with S519 On-Skin silicones for the creation of self-adhesive prosthetic pieces.

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1. Identification of Substance & Company:

Product Name(s)	Principality FX Fast Moulding Silicone (Grey)
Product Code(s)	S517
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	Manufacture of custom prostheses
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 advice

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

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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	Grey
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.