

The Extrinsic kit is a simple ethanol based system which provides a safe method of externally colouring Silicone rubber without the need for harsh solvents.

The extrinsic colour kit is supplied as a kit of 11 colours and a bottle of Thinner. The extrinsic kit is made up from primary colours and various custom colours.

The colours can be brushed, stippled, or sponged to give the desired effect.

To seal the colours onto the surface of the rubber it is recommended to use a small quantity of P799 extrinsic sealant:

- Apply the extrinsic pigments to the surface of the prosthesis to give the desired effect.
- Leave to dry for 5 minutes.
- Weigh equal parts of A and B and mix thoroughly and paint quickly onto surface of rubber to be sealed.
- After approx 20-30 minutes (depending on temperature of room) the sealant will become tacky - stipple the sealant surface with gauze in order to create a matt effect.
- The sealant will be fully cured 30 minutes later - cure time can be speeded up by heating in an oven.

All pigments used within the Extrinsic system are cosmetic grade and can also be used on foam latex, gelatin, plastics in addition to silicones.

Health & Safety Data Sheet

'Extrinsic' Kit (P702) [Page 1 of 3]

1. Identification of Substance & Company:

Product Name(s)	'Extrinsic' Kit
Product Code(s)	P702 – Kit (individual components suffixed with consecutive letters)
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	External colouration for special effects makeups
Company	MBI (Wales) Ltd 5 York Park, Bridgend South Wales, UK. CF31 3TB
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2. Composition / Information on ingredients:

Chemical Nature	Dispersion of pigments in organic solvent
Hazardous Components	Ethanol

3. Hazards Identification:

Critical Hazards



Flammable, irritating to eyes, excess vapours may cause drowsiness/dizziness

4. First Aid Measures:

Eye Contact	Irrigate with water for 15 mins, holding eyelid open, seek medical advice if irritation persists
Skin Contact	In large quantities, remove excess and drench with water. Remove contaminated clothing
Inhalation of Vapour	Remove from exposure, and rest. In severe case, or if exposure is great/prolonged, seek medical advice
Ingestion	Do not induce vomiting unless instructed by medical personnel. If large quantities are swallowed, seek medical advice

5. Fire Fighting Measures:

Hazards during firefighting	Flammable, vapour heavier than air
Suitable extinguishing media	Water, foam, carbon dioxide or dry powder. Cool container with water at distance

6. Accidental Release Measures:

Personal Protection	Refer to Section 8
Environmental Precautions	Shut off all sources of ignition. Do not wash away into any drain unless it drains into a suitable effluent treatment process
Methods for clean-up	Soak up with an inert absorbent (eg, sand) and dispose as Section 13

7. Handling & Storage:

Handling	Work in well ventilated area. Observe good housekeeping practises (HSE guidance note CS17)
Storage	Store between 15 deg C and 25 deg C. Keep lid well sealed to avoid flash off of solvent

8. Exposure Controls / Personal Protection:

General Protective Measures	Well ventilated work area to prevent build up of fumes
Components with workplace parameters	Ethanol [long term: 1000 ppm, short term 1000 ppm (OSHA)]
Respiratory Protection	Mask (with organic filter) if spraying
Hand Protection	Gloves recommended if prone to skin irritation
Skin Protection	Avoid excessive contact with skin/pooling of liquid on skin. Repeat exposure may cause degreasing/drying of skin. Use suitable moisturiser after use.
Eye Protection	Avoid contact with eyes. Eye glasses recommended
Other Precautions	Apron, sleeves, boots recommended if handling large quantities
Hygiene Measures	Do not eat, drink or smoke when handling product

9. Physical & Chemical Properties:

Physical Form	Liquid
Colour	various
Odour	of alcohol
Vapour Density	1.6 (air = 1)
Vapour pressure	Not available
Specific Gravity	0.8 (water = 1)
pH	Not available
Boiling temperature	> 76 deg C
Auto ignition temperature	lowest is 398.9 deg C (ethanol)

10. Stability & Reactivity:

The product is stable under normal storage conditions (refer to Section 7)	
Incompatible materials	Oxidising agents. The possibility of reaction with other substances cannot be excluded
Conditions to avoid	High temperatures. Avoid possible causes of ignition (spark or flame)

11. Toxicological Information:

Treat as if Ethanol	
After inhalation	In very high doses could cause headache, salivation, nausea, vomiting, dizziness, narcosis, coma
After skin contact	Degreasing effect on skin, possibly followed by secondary inflammation in high doses
After eye contact	Irritation/stinging
After ingestion	minimal effect unless consumed in high quantity – vomiting, dizziness
We have no evidence of carcinogenic, mutagenic or teratogenic effects	

12. Ecological Information:

Degradation/elimination	Good
Bioaccumulation potential	This product is not expected to bioaccumulate through food chains in the environment.
Ecotoxic effects	This product is not classified as Dangerous to the Environment when handled and disposed of carefully

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:

Transport as if Ethanol

UN-no

1170 – ETHANOL

Class

3

Packaging group

II

UK Transport category

2

15. Regulatory Information:

Treat as if Ethanol

Symbol

F Highly Flammable.

R-Phrases

R11-36-66-67. Highly flammable, irritating to eyes, repeated exposure may cause skin dryness/cracking, vapours may cause drowsiness

S-Phrases

S9-16-26. Keep in well ventilated place, keep away from sources of ignition, no smoking, in case of contact with eyes, rinse immediately and seek medical advise

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.