

## Fine Edge Dissolver (S604) [Page 1 of 1]

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### **Overview**

Fine Edge Dissolver is intended for use primarily on the skin when dissolving away fine edges of S601 CapSkin Encapsulant or S602 Bald Cap material.

It does not contain any harmful chemicals and is recommended over harsher solvents such as Acetone or Iso-Propyl Alcohol (IPA).

It can also be used to help blend away uncured edges of materials such as S519 On-Skin Silicone which can be applied and shaped directly on the skin.

### **User Instructions**

Use with a brush to soften and remove the fine edges of prosthetic pieces skinned with Capskin Encapsulant or Bald Cap materials.

If using 'On-Skin' silicones, Fine Edge Dissolver can also be used with a shaping tool to help thin the silicone when blending away edges. Use the Fine Edge Dissolver before the silicone has cured in order to create seamless edges directly on the skin.

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### 1. Identification of Substance & Company:

|                                 |   |
|---------------------------------|---|
| Product Name(s)                 | Principality FX Fine Edge Dissolver                                     |
| Product Code(s)                 | S604  |
| 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                        | Dissolving Capskin to produce fine edges                                |
| Company                         | MBI (Wales) Ltd<br>5 York Park<br>Bridgend<br>South Wales, UK. CF31 3TB |
| 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      | Ethanol Based |
| 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 advise 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 advise                |
| Ingestion            | Do not induce vomiting unless instructed by medical personnel. If large quantities are swallowed, seek medical advise |

### 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  |

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### 7. Handling & Storage:

|          |   |
|----------|---|
| Handling | Work in well ventilated area.<br>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 |

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**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.