

## Material Safety Data Sheet

according to Regulation (EU) 2015/830

MSDS No: PER274

Issue No: 3

### **IMPORTANT**

Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.

---

### **1. IDENTIFICATION**

Product Name	Perfection Plus Reline+ Denture Reline Powder
Company Name	Perfection Plus Ltd
Company Address	6 Westwood Court, Brunel Road, Totton, Hants. SO40 3WX. UK
Company Phone No.	+44 (0) 2380 866 677

### **2. HAZARDS IDENTIFICATION**

#### **2.1 Classification of the substance or mixture**

<b>2.1.1. Classification 1999/45/EC</b>	Xn; R20/22 Symbols:
<b>Main hazards</b>	Harmful by inhalation and if swallowed.
<b>2.2. Other hazards</b>	No data available.
<b>Further information</b>	Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

### **3. COMPOSITION/DATA ON COMPONENTS**

67/548/EEC / 1999/45/EC

Components Name	Index No	Cas No.	EC No	REACH Registration No	Con (%w/w)	Classification
Polyethyl Methacrylate		9011-14-7			90-100%	Xn; R20/22

### **4. FIRST AID MEASURES**

#### 4.1 Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Skin Contact	Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Eye Contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. If swallowed, seek medical advice immediately and show this container or label.

#### 4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Harmful by inhalation. Inhalation may cause nausea and vomiting. May cause dizziness and headache.
Skin Contact	May cause dermatitis. May cause irritation to skin.
Eye Contact	May cause irritation to eyes.
Ingestion	Harmful if swallowed. Ingestion may cause nausea and vomiting.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

### 5. FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

Use as appropriate: Carbon dioxide (CO<sup>2</sup>), Dry Chemical, Foam.

#### 5.2 Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

#### 5.3 Advice for firefighters

Self-contained breathing apparatus. Wear protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear protective equipment.

#### 6.2 Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

#### 6.3 Methods and materials for containment and cleaning up.

Avoid raising dust. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

#### 6.4 Reference to other sections

SECTION 13: Disposal considerations.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Manual Handling considerations when handling, carrying and dispensing.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well-ventilated area. Keep containers tightly closed.

### 7.3 Specific end use(s)

None.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Exposure controls



#### 8.1.1 Appropriate engineering controls

Ensure adequate ventilation of the working area.

#### 8.1.2 Individual Protection Measures

Wear chemical protective clothing

Eye / face protection – wear approved safety goggles

Skin / Hand protection – chemical resistant gloves

Respiratory protection – wear suitable respiratory equipment when necessary.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Physical State	Powder
Colour	Pink/White
Odour	Odourless/Mild
Odour Threshold	No data available
pH	No data available
Melting Point	No data available
Freezing Point	No data available
Initial boiling Point	No data available
Flash Point (°C)	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available

Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

## 9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No data is available on this product.

### 10.4 Conditions to avoid

Heat. Moisture.

### 10.5 Incompatible materials

No data available.

### 10.6 Hazardous decomposition products

No data is available on this product.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	May cause irritation to mucous membranes.

### 11.2 Toxicological information

Denture Reline Powder	Oral Rat LD50: >2000 mg/kg
Polyethyl Methacrylate	Oral Rat LD50: 5000 mg/kg

## 12. ECOLOGICAL INFORMATION

<b>12.1. Persistence and degradability</b>	No data is available on this product.
<b>12.2. Bioaccumulative potential</b>	No data is available on this product.
<b>Partition coefficient</b>	<b>Denture Reline+ Powder:</b> No data available
<b>12.3. Mobility in soil</b>	No data available.
<b>12.4. Other adverse effects</b>	No data available.

## 13. DISPOSAL CONSIDERATIONS

In accordance with all local and national regulations.  
 For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.  
 Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## 14. TRANSPORTATION INFORMATION

<b>14.1 UN Number</b>	The product is not classified as dangerous for carriage.
<b>14.2 UN proper shipping name</b>	The product is not classified as dangerous for carriage.
<b>14.3 Transport hazard class(es) ADR/RID</b>	The product is not classified as dangerous for carriage.
<b>14.4. Packing group</b>	The product is not classified as dangerous for carriage.
<b>14.5. Environmental hazards</b>	The product is not classified as dangerous for carriage.
<b>14.6. Special precautions for user</b>	The product is not classified as dangerous for carriage. Keep away from food, drink and animal feedingstuffs. Keep in a cool, dry, well-ventilated area.
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	The product is not classified as dangerous for carriage.

## 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No data is available on this product.

## 16. OTHER INFORMATION

<b>Revision</b>	This document differs from the previous version in the following areas: 4 - Ingestion.
-----------------	---

	<p>8 - Respiratory protection.</p> <p>8 - Skin protection - Handprotection.</p> <p>9 - 9.1. Information on basic physical and chemical properties (Colour).</p> <p>9 - 9.1. Information on basic physical and chemical properties (PH).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Melting point).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Flash point).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Explosive properties).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Relative density).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Viscosity).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Vapour density).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Freezing Point).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Solubility).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Odour threshold).</p> <p>9 - 9.2. Other information (Conductivity).</p> <p>9 - 9.2. Other information (Partition coefficient).</p> <p>9 - 9.2. Other information (Gas group).</p> <p>9 - 9.2. Other information (Surface tension).</p> <p>9 - 9.2. Other information (Benzene Content).</p> <p>9 - 9.2. Other information (Product Subcategory).</p> <p>9 - 9.2. Other information (Lead content).</p> <p>11 - 11.1.4. Toxicological Information.</p> <p>11 - Skin corrosion/irritation.</p> <p>11 - Respiratory or skin sensitisation.</p> <p>11 - Serious eye damage/irritation.</p> <p>12 - 12.1. Toxicity.</p> <p>15 - Labelling.</p> <p>15 - Symbols.</p> <p>15 - 15.1. Safety, health and environmental regulations/legislation</p>
--	--

	specific for the substance or mixture. 16 - Maximum content of VOC.
<b>Text of risk phrases in Section 3</b>	R20/22 - Harmful by inhalation and if swallowed.

**DATE: 27/03/2018**

**ISSUE No: 3**

**SUPERSEDES  
ISSUE: 2**

---

---

**DISCLAIMER OF LIABILITY**

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**Emergency Phone No: 023 8086 6677**