

# SAFETY DATA SHEET

## according to EC- directive 1907/2006/EC



Product Trade Name: METROSIL PLUS

PAGE 1/4

Revision Date 21/02/17

Version 3

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Details of the supplier of the safety data sheet

Supplier Metrodent Limited  
Lowergate Works, Lowergate  
Paddock, Huddersfield  
United Kingdom  
+44 1484 461616  
sales@metrodent.com

Product Name METROSIL PLUS (2 part duplicating silicone)

### 2. COMPOSITION INFORMATION ON INGREDIENTS

Chemical characterisation (Mixture) Paste

Hazardous components

| CAS No     | Chemical name                          | Index No | REACH No | Quantity |
|------------|--|----------|----------|----------|
| 68131-39-5 | Fatty Alcohol Ethoxylate               |          |          | < 2.5 %  |
|            | Eye Dam. 1, Aquatic Acute 1; H318 H400 |          |          |          |

Full text of H and EUH statements: see section 16

### 3. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Hazard Statements: Serious eye damage/eye irritation: Eye Irrit. 2  
Causes serious eye irritation.

Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



H319

Hazard statements H319 Causes serious eye irritation.

Precautionary statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 If eye irritation persists: Get medical advice/attention.

Other Hazards

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

# SAFETY DATA SHEET

## according to EC- directive 1907/2006/EC



Product Trade Name: METROSIL PLUS

PAGE 2/4

Revision Date 21/02/17

Version 3

#### 4. FIRST AID MEASURES

|                         |   |
|-------------------------|---|
| After inhalation        | Not Applicable  |
| After contact with skin | Wash immediately with: Water and soap.  |
| After contact with eyes | In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. |
| After ingestion         | Consult physician.  |

#### 5. FIRE-FIGHTING MEASURES

|   |  |
|---|--|
| Suitable extinguishing media                                  | Water fog. Extinguishing powder. Sand. Foam. Carbon dioxide (CO2). |
| Extinguishing media which must not be used for safety reasons | High power water jet.  |

#### 6. ACCIDENTAL RELEASE MEASURES

|                                   |   |
|-----------------------------------|---|
| Personal precautions              | Wear suitable protective clothing.  |
| Environmental precautions         | Do not empty into drains or the aquatic environment.  |
| Methods for cleaning up/taking up | Collect mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). |

#### 7. HANDLING AND STORAGE

|  |   |
|--|---|
| Advice on safe handling                    | Keep container tightly closed. Wear suitable protective clothing and gloves. Avoid contact with eyes.             |
| Storage                                    |   |
| Requirements for storage rooms and vessels | Keep container tightly closed. Ensure adequate ventilation of the storage area. Store only in original container. |

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                        |   |
|------------------------|---|
| Respiratory protection | No risks worthy of mention.   |
| Hand protection        | Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber). |
| Eye protection         | Tightly sealed safety glasses.  |
| Skin protection        | When using do not eat or drink.   |



# SAFETY DATA SHEET

## according to EC- directive 1907/2006/EC



Product Trade Name: METROSIL PLUS

PAGE 3/4

Revision Date 21/02/17

Version 3

### 9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Physical state: Paste  
Colour: Characteristic  
Odour: Characteristic

Important health, safety and environmental information

Test method

pH-Value (at 20 °C): not applicable  
Changes in the physical state  
Boiling point: > 300 °C  
Flash point: > 130 °C  
Density: 1,2 - 1,7 g/cm<sup>3</sup>  
Water solubility: insoluble  
Vapour density: > 1  
Other information  
Ignition temperature: > 400 °C

### 10. STABILITY AND REACTIVITY

Conditions to avoid Heat.  
Decomposition takes place from temperatures above: 100 °C  
Decomposition under formation of: Formaldehyde.  
Incompatible Materials On contact with water: Formation of: hydrogen.  
Hazardous decomposition products Hydrogen  
Formaldehyde.

### 11. TOXICOLOGICAL INFORMATION

Acute toxicity LD50: Rat. 5000 mg/kg  
Corrosive and irritant effects Irritant effect on the skin: Not an irritant.  
Irritant effect on the eye: irritant.

### 12. ECOLOGICAL INFORMATION

Toxicity Acute fish toxicity LC50: > 200 mg/l/96h  
Persistence and degradability Preparation not tested.  
Further information Do not empty into drains or the aquatic environment.

# SAFETY DATA SHEET

## according to EC- directive 1907/2006/EC



Product Trade Name: METROSIL PLUS

PAGE 4/4

Revision Date 21/02/17

Version 3

### 13. DISPOSAL CONSIDERATIONS

Advice on disposal

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Waste disposal number of waste from residues/unused products

180106 WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care); wastes from natal care, diagnosis, treatment or prevention of disease in humans; chemicals consisting of or containing dangerous substances

Classified as hazardous waste.

### 14. TRANSPORT INFORMATION

Other applicable information

Not a hazardous material with respect to these transportation regulations.

### 15. REGULATORY INFORMATION

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

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

### 16. OTHER INFORMATION

Changes re-classification of GHS-CLP labeling (H319)

Relevant H and EUH statements (number and full text)

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.