



## SAFETY DATA SHEET NEW MUFLIT BANDAGE

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** NEW MUFLIT BANDAGE  
**Product number** MSB111

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Car maintenance product.

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** TETROSYL LIMITED  
Bury  
Lancashire  
England  
BL9 7NY  
0161 764 5981  
0161 797 5899  
info@tetrosyl.com

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0)161 764 5981

### SECTION 2: Hazards identification

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

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335  
**Environmental hazards** Not Classified

**Human health** See Section 11 for additional information on health hazards.

**Environmental** The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 2.2. Label elements

##### Hazard pictograms



**Signal word** Danger

**Hazard statements** H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

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<b>Precautionary statements</b>	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P102 Keep out of reach of children.</p> <p>P261 Avoid breathing dust.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTRE/doctor if you feel unwell.</p> <p>P332+P313 If skin irritation occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** SILICIC ACID, SODIUM SALT

**Supplementary precautionary statements** P310 Immediately call a POISON CENTER/ doctor.  
P321 Specific treatment (see medical advice on this label).

### 2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>SILICIC ACID, SODIUM SALT</b> <span style="float: right;"><b>30-&lt;60%</b></span>			
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">CAS number: 1344-09-8</td> <td style="width: 33%;">EC number: 215-687-4</td> <td style="width: 33%;">REACH registration number: 01-2119448725-31-0000</td> </tr> </table>	CAS number: 1344-09-8	EC number: 215-687-4	REACH registration number: 01-2119448725-31-0000
CAS number: 1344-09-8	EC number: 215-687-4	REACH registration number: 01-2119448725-31-0000	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335			
<b>KAOLINITE</b> <span style="float: right;"><b>30-&lt;60%</b></span>			
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">CAS number: 1332-58-7</td> <td style="width: 33%;">EC number: 310-127-6</td> <td></td> </tr> </table>	CAS number: 1332-58-7	EC number: 310-127-6	
CAS number: 1332-58-7	EC number: 310-127-6		
<b>Classification</b> Not Classified			
<b>ETHANEDIOL</b> <span style="float: right;"><b>5-&lt;10%</b></span>			
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">CAS number: 107-21-1</td> <td style="width: 33%;">EC number: 203-473-3</td> <td style="width: 33%;">REACH registration number: 01-2119456816-28-0000</td> </tr> </table>	CAS number: 107-21-1	EC number: 203-473-3	REACH registration number: 01-2119456816-28-0000
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<b>Classification</b> Acute Tox. 4 - H302 STOT RE 2 - H373			

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<b>TITANIUM DIOXIDE</b>		<b>2-&lt;3%</b>
CAS number: 13463-67-7	EC number: 236-675-5	REACH registration number: 01-2119489379-17-0000

**Classification**  
Not Classified

<b>C.I. PIGMENT RED 101</b>		<b>2-&lt;3%</b>
CAS number: 1309-37-1		

**Classification**  
Not Classified

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues.
<b>Inhalation</b>	No specific recommendations.
<b>Ingestion</b>	Due to the small packaging, the risk of ingestion is minimal. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. Consult a physician for specific advice.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Do not rub eye. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	No specific symptoms known.
<b>Eye contact</b>	No specific symptoms known.

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

<b>Notes for the doctor</b>	No specific recommendations.
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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Water spray, fog or mist. Carbon dioxide or dry powder.

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

**Hazardous combustion products** Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

#### 5.3. Advice for firefighters

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**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

**Personal precautions** For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

#### 6.2. Environmental precautions

**Environmental precautions** Collect and dispose of spillage as indicated in Section 13.

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

**Methods for cleaning up** For waste disposal, see Section 13. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with non-combustible, absorbent material.

#### 6.4. Reference to other sections

**Reference to other sections** Collect and dispose of spillage as indicated in Section 13. For personal protection, see Section 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Avoid contact with skin and eyes.

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

**Storage precautions** Keep containers upright. Keep in a cool place.

#### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### **KAOLINITE**

Long-term exposure limit (8-hour TWA): WEL 2 mg/m<sup>3</sup> respirable dust

##### **ETHANEDIOL**

Long-term exposure limit (8-hour TWA): WEL 20 ppm 52 mg/m<sup>3</sup> vapour

Short-term exposure limit (15-minute): WEL 40 ppm 104 mg/m<sup>3</sup> vapour

Sk

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> particulate

Sk

##### **TITANIUM DIOXIDE**

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

##### **C.I. PIGMENT RED 101**

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Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup> fume

Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup> fume  
as Fe

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

**Ingredient comments** No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** Provide adequate general and local exhaust ventilation.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber.

**Other skin and body protection** Provide eyewash station.

**Hygiene measures** Wash hands after contact.

**Respiratory protection** No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Paste.
<b>Colour</b>	Red-brown.
<b>Odour</b>	Mild.
<b>Odour threshold</b>	Not determined.
<b>Melting point</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Upper/lower flammability or explosive limits</b>	Not determined.
<b>Vapour pressure</b>	Not determined.
<b>Vapour density</b>	Not determined.
<b>Solubility(ies)</b>	Miscible with water.
<b>Partition coefficient</b>	Not determined.
<b>Oxidising properties</b>	Not available.

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### 9.2. Other information

Other information None.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions May polymerise.

#### 10.4. Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

#### 10.5. Incompatible materials

Materials to avoid Strong acids. Strong alkalis. Strong oxidising agents.

#### 10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

ATE oral (mg/kg) 10,000.0

Inhalation May cause respiratory system irritation.

Ingestion No harmful effects expected from quantities likely to be ingested by accident.

Skin contact Irritating to skin.

Eye contact Causes serious eye damage.

Acute and chronic health hazards This chemical can be hazardous when inhaled and/or touched. May cause severe internal injury. Vapour from this product may be hazardous by inhalation.

### SECTION 12: Ecological information

Ecotoxicity The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### 12.1. Toxicity

##### Acute aquatic toxicity

Acute toxicity - fish Not available.

Acute toxicity - aquatic invertebrates Not available.

#### 12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

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### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

### 12.4. Mobility in soil

**Mobility** The product is miscible with water. May spread in water systems.

**Adsorption/desorption coefficient** Not available.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### 12.6. Other adverse effects

**Other adverse effects** Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Confirm disposal procedures with environmental engineer and local regulations.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

## NEW MUFLIT BANDAGE

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

<b>National regulations</b>	EH40/2005 Workplace exposure limits
<b>EU legislation</b>	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

<b>Revision comments</b>	NOTE: Lines within the margin indicate significant changes from the previous revision.
<b>Issued by</b>	Health & Safety Department
<b>Revision date</b>	30/09/2020
<b>Revision</b>	9
<b>Supersedes date</b>	25/01/2016
<b>SDS status</b>	Approved.
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation. H373 May cause damage to organs (Kidneys) through prolonged or repeated exposure.