



## SAFETY DATA SHEET MS 58 Polymer

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

#### 1.1. Product identifier

Product name MS 58 Polymer  
Container size 310ml

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

Identified uses Adhesive.

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

Supplier Bondloc UK Ltd  
Units 1 & 2 Bewdley Business Park  
Long Bank  
Bewdley  
Worcestershire  
DY12 2TZ  
United Kingdom  
+44 (0)1299 269269  
+44 (0)1299 269210  
sales@bondloc.co.uk

#### 1.4. Emergency telephone number

Emergency telephone +44 (0)1299 269269

### SECTION 2: Hazards identification

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

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

Physical hazards Not Classified  
Health hazards Not Classified  
Environmental hazards Not Classified

#### 2.2. Label elements

Hazard statements NC Not Classified

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

## MS 58 Polymer

<b>Vinyltrimethoxysilane</b>	<b>1-5%</b>
CAS number: 2768-02-7	
<b>Classification</b>	
Flam. Liq. 3 - H226	
Acute Tox. 4 - H332	

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>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention immediately.

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

<b>General information</b>	Treat symptomatically.
----------------------------	------------------------

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

<b>Notes for the doctor</b>	Treat symptomatically.
-----------------------------	------------------------

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Extinguish with the following media: Carbon dioxide (CO <sub>2</sub> ). Foam. Powder. Water spray, fog or mist.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

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

<b>Hazardous combustion products</b>	Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO).
--------------------------------------	----------------------------------------------------------

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	Control run-off water by containing and keeping it out of sewers and watercourses. Avoid breathing fire gases or vapours. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke.
<b>Special protective equipment for firefighters</b>	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

<b>Personal precautions</b>	Avoid contact with skin and eyes. For personal protection, see Section 8.
-----------------------------	---------------------------------------------------------------------------

#### 6.2. Environmental precautions

<b>Environmental precautions</b>	Do not discharge into drains or watercourses or onto the ground.
----------------------------------	------------------------------------------------------------------

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

## MS 58 Polymer

**Methods for cleaning up** Pick up mechanically For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation. Good personal hygiene procedures should be implemented.

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

**Storage precautions** Store at temperatures between 5°C and 25°C. Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**Storage class** Flammable liquid storage.

### 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

### 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

**Eye/face protection** Wear chemical splash goggles.

**Hand protection** Hand protection not required.

**Hygiene measures** Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using this product. Wash after use and before eating, smoking and using the toilet.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn. Wear self-contained breathing apparatus.

**Environmental exposure controls** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and Chemical Properties

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

**Appearance** Paste.

**Colour** Black. Clear. Grey. White.

**Odour** Alcoholic.

**Odour threshold** Not available.

**pH** No information available.

**Melting point** Not available.

**Initial boiling point and range** Not available.

**Flash point** No information available.

**Evaporation rate** Not available.

## MS 58 Polymer

<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Other flammability</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	1.06 @ 20°C
<b>Bulk density</b>	Not available.
<b>Solubility(ies)</b>	No information available.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	No information available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	Not available.
<b>Oxidising properties</b>	Not available.

### 9.2. Other information

<b>Other information</b>	No information required.
<b>Refractive index</b>	Not available.
<b>Particle size</b>	Not available.
<b>Molecular weight</b>	Not available.
<b>Volatility</b>	Not available.
<b>Saturation concentration</b>	Not available.
<b>Critical temperature</b>	Not available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
-------------------	---------------------------------------------------------------------

### 10.2. Chemical stability

<b>Stability</b>	No particular stability concerns. Stable at normal ambient temperatures and when used as recommended.
------------------	-------------------------------------------------------------------------------------------------------

### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	Not relevant.
-------------------------------------------	---------------

### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	No specific requirements are anticipated under normal conditions of use.
----------------------------	--------------------------------------------------------------------------

### 10.5. Incompatible materials

<b>Materials to avoid</b>	No specific requirements are anticipated under normal conditions of use.
---------------------------	--------------------------------------------------------------------------

## MS 58 Polymer

### 10.6. Hazardous decomposition products

Hazardous decomposition products      Methanol.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - inhalation

ATE inhalation (vapours mg/l)      550.0

Skin contact      May cause irritation.

Eye contact      May irritate eyes.

### SECTION 12: Ecological Information

Ecotoxicity      Dangerous for the environment.

#### 12.1. Toxicity

##### Ecotoxicity

##### Acute aquatic toxicity

Acute toxicity - fish      LC<sub>50</sub>, hours: >1-<10 mg/l, Fish

Acute toxicity - aquatic invertebrates      EC<sub>50</sub>, 48 hours: 3 mg/l, Daphnia magna

Acute toxicity - aquatic plants      LC<sub>50</sub>, hours: >1-<10 mg/l, Algae

#### 12.2. Persistence and degradability

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

#### 12.3. Bioaccumulative potential

Bioaccumulative potential      No data available on bioaccumulation.

Partition coefficient      Not available.

#### 12.4. Mobility in soil

Mobility      No data available.

#### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment      This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

Other adverse effects      Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

General information      Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods      Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class      08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

## MS 58 Polymer

### 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** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

### SECTION 15: Regulatory information

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

**EU legislation**

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

### SECTION 16: Other information

**Revision date** 01/02/2018

**SDS number** 5421

**Hazard statements in full** H226 Flammable liquid and vapour.  
H332 Harmful if inhaled.

## MS 58 Polymer

**PRECAUTIONS:** This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

**WARRANTY:** All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.