

## SAFETY DATA SHEET

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# SAFETY DATA SHEET

This safety datasheet complies with the requirements of Regulation (EC) No. 830/2015



## M50

Version	Revision Date:	Date of last issue: -
1.0	24.07.2018	Date of first issue: 24.07.2018

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

### 1.1 Product identifier

Trade name : M50

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

Use of the Sub- : Raw material  
stance/Mixture : Industrial use

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

Company : Synthomer (UK) Limited  
Central Road, Templefields  
Harlow CM20 2BH

Telephone : +441279436211

Telefax : +441279444025

E-mail address of person : [regulatoryaffairs@synthomer.com](mailto:regulatoryaffairs@synthomer.com)  
responsible for the SDS

### 1.4 Emergency telephone number

Emergency telephone num- : +44 (0) 1235 239 670  
ber

National Emergency Tele- : Not applicable  
phone Number

Poison Information Centre telephone number

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

### 2.3 Other hazards

This substance is not considered to be persistent, bioaccumulating and toxic (PBT).

This substance is not considered to be very persistent and very bioaccumulating (vPvB).

Do not breathe dust.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Substance name : 14950  
Chemical nature : Solid  
Polymer

#### Hazardous components

Chemical name	CAS-No. EC-No.	Concentration (% w/w)
Non-hazardous ingredients :		
vinyl acetate homopolymer	9003-20-7	>= 99

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice : Get medical attention if symptoms occur.  
Show this safety data sheet to the doctor in attendance.

If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.

In case of skin contact : Wash off with soap and water.

In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed : If accidentally swallowed obtain immediate medical attention.  
Do NOT induce vomiting.  
Rinse mouth with water.

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

Symptoms : Ingestion may provoke the following symptoms:  
Nausea  
Contact with eyes may cause irritation.

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

Treatment : No information available.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)

Dry powder

Alcohol-resistant foam

Water spray

Unsuitable extinguishing media : No information available.

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

Specific hazards during fire-fighting : Combustion products

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

#### 5.3 Advice for firefighters

Special protective equipment for firefighters : Use personal protective equipment.

In the event of fire, wear self-contained breathing apparatus.

Further information : In the event of fire and/or explosion do not breathe fumes.

### SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.

#### 6.2 Environmental precautions

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

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

Methods for cleaning up : Prevent further leakage or spillage if safe to do so.

Dispose of in accordance with local regulations.

Shovel into suitable container for disposal.

Avoid creating dust.

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### 6.4 Reference to other sections

For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : Wear personal protective equipment.  
For personal protection see section 8.  
Avoid inhalation, ingestion and contact with skin and eyes.  
Do not use in areas without adequate ventilation.  
Smoking, eating and drinking should be prohibited in the application area.  
Do not breathe dust.  
Avoid creating dust.
- Hygiene measures : Wash hands before breaks and immediately after handling the product.  
When using do not eat, drink or smoke.

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

- Requirements for storage areas and containers : Store in original container.
- Keep in properly labelled containers.
- Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
- Keep away from oxidizing agents.
- Keep away from strong bases.

### 7.3 Specific end use(s)

- Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Components with workplace control parameters below limit for consideration

### 8.2 Exposure controls

#### Engineering measures

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapours.  
Provide appropriate exhaust ventilation at places where dust is formed.

#### Personal protective equipment

- Eye protection : Safety glasses with side-shields conforming to EN166  
Hand protection

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Material	:	Protective gloves complying with EN 374.
Remarks	:	Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.
Skin and body protection	:	Wear suitable protective clothing.
Respiratory protection	:	Respiratory protection complying with EN 141. Respirator must be worn if exposed to dust.
Protective measures	:	Ensure that eye flushing systems and safety showers are located close to the working place.

### Environmental exposure controls

General advice:

The product should not be allowed to enter drains, water courses or the soil.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance	:	solid, pellets
Colour	:	colourless
Odour	:	ester-like
Odour Threshold	:	not determined
pH	:	not determined
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	not determined
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	The product is not flammable.
Upper explosion limit	:	not determined
Lower explosion limit	:	not determined
Vapour pressure	:	Not applicable
Relative vapour density	:	Not applicable
Relative density	:	not determined
Solubility(ies)	:	
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	not determined
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	not determined

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Viscosity  
Viscosity, dynamic : not determined

Explosive properties : Not applicable

Oxidizing properties : Not applicable

### 9.2 Other information

: No information available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : None known.

### 10.4 Conditions to avoid

Conditions to avoid : None known.

### 10.5 Incompatible materials

Materials to avoid : Strong bases  
Oxidizing agents

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

In case of fire hazardous decomposition products may be produced such as:

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Further information

#### Product:

Remarks: No data is available on the product itself.

Remarks: The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

Remarks: Information given is based on data on the components and the toxicology of similar products.

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Product:

#### Ecotoxicology Assessment

Acute aquatic toxicity : No data is available on the product itself.

Chronic aquatic toxicity : No data is available on the product itself.

### 12.2 Persistence and degradability

#### Product:

Biodegradability : Remarks: Not readily biodegradable.

### 12.3 Bioaccumulative potential

#### Product:

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

### 12.4 Mobility in soil

#### Product:

Distribution among environmental compartments : Medium: Soil  
Remarks: Not expected to adsorb on soil.

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT)..

: This substance is not considered to be very persistent and very bioaccumulating (vPvB)..

### 12.6 Other adverse effects

#### Product:

Additional ecological information : This product has no known ecotoxicological effects.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : In accordance with local and national regulations.



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The product should not be allowed to enter drains, water courses or the soil.

Contaminated packaging : In accordance with local and national regulations.

## SECTION 14: Transport information

### 14.1 UN number

Not dangerous goods

### 14.2 UN proper shipping name

Not dangerous goods

### 14.3 Transport hazard class(es)

Not dangerous goods

### 14.4 Packing group

Not dangerous goods

### 14.5 Environmental hazards

Not dangerous goods

### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

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

Remarks : Not applicable

## SECTION 15: Regulatory information

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

Other regulations:

Product falls under the EU-polymer definition.

### 15.2 Chemical safety assessment

## SECTION 16: Other information

### Full text of other abbreviations

### Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

GB / EN