

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## POLYCRAFT K4 PART A

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

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

#### 1.1 Product identifier

Trade name : POLYCRAFT K4 PART A

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

Use of the Sub-  
stance/Mixture : Model and mould making

#### 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier

MB Fibreglass  
Unit 17 & 20  
Abbey Business Park  
Mill Road  
Newtownabbey  
BT36 7EE  
Tel: 02890 861992  
sales@mbfg.co.uk

#### 1.4 Emergency telephone number

Emergency telephone : 02890 861992 (Office Hours Only)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## POLYCRAFT K4 PART A

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

Not a hazardous substance or mixture.

#### 2.2 Label elements

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

Not a hazardous substance or mixture.

Precautionary statements : **Prevention:**  
P233 Keep container tightly closed.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Chemical nature : Silicone polymer, crosslinking by addition

Remarks : No hazardous ingredients

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice : Take off all contaminated clothing immediately.

If inhaled : Move to fresh air.  
If symptoms persist, call a physician.

In case of skin contact : In case of skin contact remove mechanically with cloth or paper.  
Wash off immediately with soap and plenty of water.  
If symptoms persist, call a physician.

In case of eye contact : Immediately flush eye(s) with plenty of water.  
If symptoms persist, call a physician.

If swallowed : Rinse mouth with water.  
Do NOT induce vomiting.  
Call a physician immediately.

## POLYCRAFT K4 PART A

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

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

Risks : Refer to section 2 and 11.

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

Treatment : Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Water spray jet  
Dry powder  
Alcohol-resistant foam

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during fire-fighting : Hazardous decomposition products formed under fire conditions.  
Can be released in case of fire:  
Carbon oxides  
Silica

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : In case of fire do not inhale smoke, conflagration gases and steams.  
Use water spray to cool unopened containers.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

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

Personal precautions : Use personal protective equipment.  
Contaminated surfaces will be extremely slippery.

### 6.2 Environmental precautions

Environmental precautions : The product should not be allowed to enter drains, water

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## POLYCRAFT K4 PART A

Version 1.1

Revision Date 25.08.2015

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courses or the soil.  
Pay attention to local or official regulations.

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

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Clean contaminated surface thoroughly.  
Dispose of in accordance with local regulations.

### 6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.  
Keep away from heat and sources of ignition.

Hygiene measures : Avoid contact with skin, eyes and clothing.  
Do not breathe vapours, aerosols.  
Take off all contaminated clothing immediately.  
Handle in accordance with good industrial hygiene and safety practice.

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

Requirements for storage areas and containers : Do always store in containers which correspond to the original ones.  
Keep container tightly closed.  
Keep in a dry, cool place.

Further information on storage conditions : Protect from frost.  
Protect from humidity and keep away from water.

Advice on common storage : Incompatible with acids and bases.

Storage class (TRGS 510) : 10, Combustible liquids

### 7.3 Specific end use(s)

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

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## POLYCRAFT K4 PART A

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

##### Engineering measures

Solids with occupational exposure limits in liquid preparations do not cause an exposure in the workplace, because they are not present in a respirable form. Exposure can occur in the form of aerosols or after drying of the liquid the solids remain, possibly in a finely dispersed form.

Provide sufficient air exchange and/or exhaust in work rooms.

##### Personal protective equipment

Eye protection : Safety glasses

##### Hand protection

Material : butyl-rubber

Break through time : > 480 min

Glove thickness : > 0,5 mm

Protective index : Class 6

Remarks : The obtained break through times according to EN 374 Part III are not measured under normal operating conditions. Therefore a maximum usage time of 50% of the break through time is recommended.

The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Recommended Filter type:  
Combination filter A/P

### SECTION 9: Physical and chemical properties

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

Appearance : paste

Colour : transparent

Odour : characteristic

pH : Not applicable

Melting point/range : No data available

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## POLYCRAFT K4 PART A

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

Boiling point/boiling range	: No data available
Flash point	: > 100 °C
Evaporation rate	: Not applicable
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: < 100 hPa (20 °C)
Vapour density	: Not applicable
Density	: 1,08 g/cm <sup>3</sup> (23 °C) Method: DIN 53479
Water solubility	: insoluble
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: not auto-flammable
Viscosity, dynamic	: 40.000 mPa.s (23 °C) Brookfield HBTD
Oxidizing properties	: Not applicable

### 9.2 Other information

Conductivity	: Not determined
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No hazards to be specially mentioned.

### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No dangerous reaction known under conditions of normal use.

### 10.4 Conditions to avoid

Conditions to avoid : Protect from moisture.

### 10.5 Incompatible materials

Materials to avoid : Acids  
Bases

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## POLYCRAFT K4 PART A

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

### 10.6 Hazardous decomposition products

Hazardous decomposition products : No decomposition if stored and applied as directed.

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

**Product:**

Acute oral toxicity Acute : Based on available data, the classification criteria are not met.

inhalation toxicity Acute : Based on available data, the classification criteria are not met.

dermal toxicity : Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

**Product:**

Prolonged skin contact may cause skin irritation.

#### Serious eye damage/eye irritation

**Product:**

Contact with eyes may cause irritation.

#### Respiratory or skin sensitisation

**Product:**

No known sensitising effect.

#### Germ cell mutagenicity

**Product:**

Germ cell mutagenicity- As- : Based on available data, the classification criteria are not met.  
sessment

#### Carcinogenicity

**Product:**

Carcinogenicity - Assess- : Based on available data, the classification criteria are not met. ment

## **POLYCRAFT K4 PART A**

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

### **Reproductive toxicity**

**Product:**

Reproductive toxicity - As- : Based on available data, the classification criteria are not met.  
essment

### **STOT - single exposure**

**Product:**

Based on available data, the classification criteria are not met.

### **STOT - repeated exposure**

**Product:**

Based on available data, the classification criteria are not met.

### **Aspiration toxicity**

**Product:**

Based on available data, the classification criteria are not met.

### **Further information**

**Product:**

If used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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## **SECTION 12: Ecological information**

### **12.1 Toxicity**

**Product:**

Toxicity to fish : No data is available on the product itself.

Toxicity to daphnia and : No data is available on the product itself.  
other aquatic invertebrates

Toxicity to algae : No data is available on the product itself.

Toxicity to bacteria :  
No data is available on the product itself.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## POLYCRAFT K4 PART A

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

### 12.2 Persistence and degradability

**Product:**

Biodegradability : No data is available on the product itself.

Physico-chemical removability : The product is insoluble and sinks in water.  
May be separated mechanically in waste water plants.

### 12.3 Bioaccumulative potential

**Product:**

Bioaccumulation : No data is available on the product itself.

### 12.4 Mobility in soil

**Product:**

Mobility : No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6 Other adverse effects

**Product:**

Additional ecological information : According to our knowledge, the product does not contain heavy metals and other compounds of EC directive 2000/60 EC.  
The product is insoluble in water, therefore the ecological data such as, e.g. biodegradability, COD, BOD5 values cannot be determined analytically.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Pay attention to local or official regulations.

Contaminated packaging : Pay attention to local or official regulations.

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## SECTION 14: Transport information

**POLYCRAFT K4 PART A**

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

**14.1 UN number**

**ADR** : Not dangerous goods  
**IMDG** : Not dangerous goods  
**IATA** : Not dangerous goods

**14.2 Proper shipping name**

**ADR** : Not dangerous goods  
**IMDG** : Not dangerous goods  
**IATA** : Not dangerous goods

**14.3 Transport hazard class**

**ADR** : Not dangerous goods  
**IMDG** : Not dangerous goods  
**IATA** : Not dangerous goods

**14.4 Packing group**

**ADR** : Not dangerous goods  
**IMDG** : Not dangerous goods  
Segregation group : -  
**IATA** : Not dangerous goods

**14.5 Environmental hazards**

**ADR** : Not dangerous goods  
**IMDG** : Not dangerous goods  
**IATA** : Not dangerous goods

**14.6 Special precautions for user**

Remarks : see chapter 6 - 8

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Remarks : Not applicable

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**SECTION 15: Regulatory information**

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

**15.2 Chemical Safety**  
Assessment not required

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**SECTION 16: Other information**

Further information

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

## POLYCRAFT K4 PART A

Version 1.1

Revision Date 25.08.2015

Print Date 04.04.2017

Other information : This data sheet contains changes from the previous version in section(s):  
2

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.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.