

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

POLYCRAFT K4 PART B

Version 1.1

Revision Date 26.08.2015

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 B

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

Use of the Sub-
stance/Mixture : Model / 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
number : 02890 861992 (Office Hours Only)

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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.

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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Silicone polymer, crosslinking by addition

Remarks : No hazardous ingredients

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice : Take off all contaminated clothing immediately.
Show this safety data sheet to the doctor in attendance.

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 : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Consult a physician.

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

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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.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO₂)
Water spray jet
Dry powder
Foam

Unsuitable extinguishing media : High volume water jet
alkaline powder extinguishing agent

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Remove all sources of ignition.
Use personal protective equipment.
Contaminated surfaces will be extremely slippery.

6.2 Environmental precautions

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Environmental precautions : The product should not be allowed to enter drains, water 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).
Do not use any basic chemical binders.
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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Avoid formation of aerosol.
Provide sufficient air exchange and/or exhaust in work rooms.
Keep away from any kind of soiling (in particular heavy metal ions and alkalis) because of the risk of decomposition.
Do not keep the container sealed.

Advice on protection against fire and explosion : Use only in well-ventilated areas.
Take measures to prevent the build up of electrostatic charge.
Keep away from sources of ignition - No smoking.
The product can release hydrogen.
Use water spray to cool unopened containers.

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 in a dry, cool place.
Protect from humidity and keep away from water.
Do not keep the container sealed.
Only store in vessels with degassing valve.
Suitable material for containers and conduit: synthetic material coated steel
Inappropriate material for containers and conduit: uncoated metals

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Advice on common storage : Incompatible with oxidizing agents.
Incompatible with acids and bases.
Keep away from any kind of soiling (in particular heavy metal ions and alkalis) because of the risk of decomposition.

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.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

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

Personal protective equipment

Eye protection : Safety glasses

Hand protection

Material : Fluorinated rubber

Break through time : 30 - < 60 min

Glove thickness : > 0,7 mm

Protective index : Class 2

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 the work place is not ventilated sufficiently and during spray processing, it is necessary to wear respiratory protective equipment.

Recommended Filter type:
Combination filter A/P

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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
Boiling point/boiling range	: No data available
Flash point	: > 61 °C
Evaporation rate	: Not applicable
Upper explosion limit	: 74 %(V) Hydrogen
Lower explosion limit	: 4 %(V) Hydrogen
Vapour pressure	: < 100 hPa
Vapour density	: Not applicable
Density	: 1,08 g/cm ³ (23 °C) Method: DIN 53479
Water solubility	: insoluble
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: 400 °C Hydrogen
Thermal decomposition	: > 200 °C
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

Stable under recommended storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : May generate flammable hydrogen gas. Avoid contact with water, alcohols, acidic, basic, or oxidizing materials.
Potential for exothermic hazard

10.4 Conditions to avoid

Conditions to avoid : Keep away from heat and sources of ignition.

10.5 Incompatible materials

Materials to avoid : Oxidizing agents
Alcohols
Aldehydes
Acids and bases
Keep away from any kind of soiling (in particular heavy metal ions and alkalis) because of the risk of decomposition.

10.6 Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

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

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

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

Skin corrosion/irritation

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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.
essment

Carcinogenicity

Product:

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

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.

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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 other aquatic invertebrates : No data is available on the product itself.

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

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

12.2 Persistence and degradability

Product:

Biodegradability : No data is available on the product itself.

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

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Does not bioaccumulate.

12.4 Mobility in soil

Product:

Mobility : After release, adsorbs onto soil.

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 : The product is insoluble in water, therefore the ecological data such as, e.g. biodegradability, COD, BOD5 values cannot be

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determined analytically.

According to our knowledge, the product does not contain heavy metals and other compounds of EC directive 2000/60 EC.

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.

SECTION 14: Transport information

14.1 UN number

ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not permitted for transport

14.2 Proper shipping name

ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not permitted for transport

14.3 Transport hazard class

ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not permitted for transport

14.4 Packing group

ADR : Not dangerous goods
IMDG : Not dangerous goods
Segregation group : -
IATA : Not permitted for transport

14.5 Environmental hazards

ADR : Not dangerous goods
IMDG : Not dangerous goods
IATA : Not permitted for transport

14.6 Special precautions for user

Remarks : see chapter 6 - 8

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14.7 Transport in bulk according to Annex II of MARPOL 73/78 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

15.2 Chemical Safety
Assessment not required

SECTION 16: Other information

Further information

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