

Safety data sheet

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BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 26.11.2009

Version: 3.0

Product: **MASTERFLEX 472 WHITE**

(30356434/SDS_GEN_EU/EN)

Date of print 15.12.2009

1. Identification of the substance/mixture and of the company/undertaking

MASTERFLEX 472 WHITE

Use: Product for construction chemicals

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Operating Division Construction Chemicals

Telephone: +49 621 60-74354

Telefax number: +49 621 60-6674354

E-mail address: info.construction-chemicals@basf.com

Emergency information:

International emergency number:

Telephone: +49 180 2273-112

2. Hazards Identification

Possible Hazards (according to Directive 67/548/EWG or 1999/45/EC)

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. Composition/Information on Ingredients

Chemical nature

Prepolymer based on: polyol, aromatic isocyanates

Hazardous ingredients

according to Directive 1999/45/EC

xylene

Content (W/W): < 5 %
CAS Number: 1330-20-7
EC-Number: 215-535-7
INDEX-Number: 601-022-00-9
Hazard symbol(s): Xn
R-phrase(s): 10, 20/21, 38

Calcium Oxide

Content (W/W): < 2.5 %
CAS Number: 1305-78-8
Hazard symbol(s): Xi
R-phrase(s): 41

ethylbenzene

Content (W/W): < 2.5 %
CAS Number: 100-41-4
EC-Number: 202-849-4
INDEX-Number: 601-023-00-4
Hazard symbol(s): F, Xn
R-phrase(s): 11, 20

Distillates (petroleum), hydrotreated light

Content (W/W): < 2.5 %
CAS Number: 64742-47-8
EC-Number: 265-149-8
INDEX-Number: 649-422-00-2
Hazard symbol(s): Xn
R-phrase(s): 65

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

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Note to physician:

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Suitable extinguishing media:

foam, water spray, dry extinguishing media, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

carbon dioxide, carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:

Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:

For small amounts: Sweep/shovel up. Dispose of absorbed material in accordance with regulations.

For large amounts: Sweep/shovel up. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Handling

Avoid contact with skin and eyes. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The relevant fire protection measures should be noted.

Storage

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight. Store protected against freezing.

Protect from temperatures below: -10 °C

Characteristics of the product are irreversibly changed below the limit temperature.

8. Exposure Controls/Personal Protection

Components with workplace control parameters

1330-20-7: xylene

100-41-4: ethylbenzene

1305-78-8: calcium oxide

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Hand protection:

impermeable gloves

rubber

Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

light protective clothing

General safety and hygiene measures:

In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. Physical and Chemical Properties

Form: pasty
Colour: white
Odour: faint odour

pH value: neutral

Boiling point: 137 °C

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Flash point:	98 °C	
Ignition temperature:	> 200 °C	
Self ignition:		not self-igniting
Explosion hazard:	not explosive	
Density:	1.17 g/cm ³ (20 °C) approx. 1.155 g/cm ³ (50 °C)	
Solubility in water:	insoluble	

10. Stability and Reactivity

Conditions to avoid:

See MSDS section 7 - Handling and storage.

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:

strong acids, strong bases, strong oxidizing agents

Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

11. Toxicological Information

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

At the present state of knowledge, no negative ecological effects are expected. There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from products of a similar structure and composition.

13. Disposal Considerations

Observe national and local legal requirements.

Residues should be disposed of in the same manner as the substance/product.

Waste key:08 04 09[□] waste adhesives and sealants containing organic solvents or other dangerous substances**Contaminated packaging:**

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

14. Transport Information

Land transport

ADR

Not classified as a dangerous good under transport regulations

RID

Not classified as a dangerous good under transport regulations

Inland waterway transport

ADNR

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Regulations of the European union (Labelling) / National legislation/Regulations

Directive 1999/45/EC ('Preparation Directive'):

S-phrases)

S2

Keep out of the reach of children.

S24/25

Avoid contact with skin and eyes.

S51

Use only in well-ventilated areas.

S60

This material and its container must be disposed of as hazardous waste.

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The product does not require a hazard warning label in accordance with EC Directives.
Contains isocyanates. Observe manufacturer's instructions.

Other regulations

16. Other Information

Due to the merger of Degussa Construction chemicals and BASF Group all Material Safety Data Sheets have been reassessed on the basis of consolidated information. This may have resulted in changes of the Material Safety Data Sheets. In case you have questions concerning such changes please contact us under the address mentioned in Section I.

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 3:

Xn	Harmful.
Xi	Irritant.
F	Highly flammable.
10	Flammable.
20/21	Harmful by inhalation and in contact with skin.
38	Irritating to skin.
41	Risk of serious damage to eyes.
11	Highly flammable.
20	Harmful by inhalation.
65	Harmful: may cause lung damage if swallowed.

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.