

Safety data sheet

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BASF Safety data sheet
Date / Revised: 13.12.2011
Product: **MASTERFLEX 612**

Version: 1.0

(30398846/SDS_GEN_AU/EN)

Date of print 13.12.2011

1. Substance/preparation and company identification

MASTERFLEX 612

Use: Product for construction chemicals

Company:

BASF Australia Limited (ABN 62 008 437 867)
Level 12, 28 Freshwater Place Southbank
Victoria 3006, AUSTRALIA
Telephone: +61 3 8855-6600
Telefax number: +61 3 8855-6511

Emergency information:

BASF Emergency Advice Number: 1800 803 440 (24h) [within Australia]
BASF Emergency Advice Number: + 61 3 8855 6666 [outside Australia]

2. Hazard identification

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

NON-HAZARDOUS SUBSTANCE, NON-DANGEROUS GOODS

Contains isocyanates. Observe manufacturer's instructions.

3. Composition/information on ingredients

Chemical nature

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Blend based on: polyurethane

Hazardous ingredients

toluene-2,6-diisocyanate

Content (W/W): < 0.1 %

CAS Number: 91-08-7

Hazard symbol(s): T+

R-phrases(s): 26, 36/37/38, 40, 42/43, 52/53

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.

Note to physician:

Symptoms: No significant symptoms are expected due to the non-classification of the product.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:

foam, water spray, dry powder, 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 product does not contribute to the spreading of flames, nor is it self combustible, not explosive.

Storage

Suitable materials for containers: High density polyethylene (HDPE)

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.

8. Exposure controls and personal protection

Components with workplace control parameters

The substances without values are not listed in the occupational exposure regulations for the validity area of this safety data sheet.

no exposure standard allocated

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Hand protection:

impermeable gloves

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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: sweetish

pH value: not applicable

Melting point: not applicable

Boiling point: not applicable

Flash point: The product has not been tested.

Self ignition: not self-igniting

Explosion hazard: not explosive
Fire promoting properties: not fire-propagating

Density: approx. 1.5 g/cm³
(20 °C)

Bulk density: not applicable

Solubility in water: not soluble

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

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.

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion. The product has not been tested. The statement has been derived from products of a similar structure or composition.

Irritation

Assessment of irritating effects:

Not irritating to eyes and skin. No irritation is expected under intended use and appropriate handling.

Sensitization

Assessment of sensitization:

A sensitizing effect on particularly sensitive individuals cannot be excluded.

Repeated dose toxicity

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Genetic toxicity

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect.

Reproductive toxicity

Assessment of reproduction toxicity:

The chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

Developmental toxicity

Assessment of teratogenicity:

The chemical structure does not suggest such an effect. The product has not been tested. The statement has been derived from the properties of the individual components.

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.

Contains isocyanates. Observe manufacturer's instructions.

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 or composition.

Mobility**Assessment transport between environmental compartments:**

No data available.

Persistence and degradability**Assessment biodegradation and elimination (H₂O):**

Inherently biodegradable. The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants.

Bioaccumulation potential**Assessment bioaccumulation potential:**

No data available concerning bioaccumulation.
Discharge into the environment must be avoided.

Additional information**Other ecotoxicological advice:**

There is a high probability that the product is not acutely harmful to aquatic organisms. Do not discharge product into the environment without control. The product has not been tested. The statement has been derived from the properties of the individual components.

13. Disposal Considerations

Observe national and local legal requirements.

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

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

Domestic transport:

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

Poisons Schedule: Not scheduled

Regulations of the European union (Labelling)

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

Other regulations

Registration status:

AICS, AU released / listed

16. Other Information

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

T+	Very toxic.
26	Very toxic by inhalation.
36/37/38	Irritating to eyes, respiratory system and skin.
40	Limited evidence of a carcinogenic effect.
42/43	May cause sensitization by inhalation and skin contact.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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.