

# Safety data sheet

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BASF Safety data sheet

Date / Revised: 14.09.2018

Product: **BASOTECT® B 2500mmx1250mmx500mm**

Version: 1.0

(30656732/SDS\_GEN\_AU/EN)

Date of print 30.10.2019

## 1. Substance/preparation and manufacturer/supplier identification

### **BASOTECT® B 2500mmx1250mmx500mm**

Manufacturer/supplier:

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

## Classification of the substance and mixture:

No need for classification according to GHS criteria for this product.

## Label elements and precautionary statement:

The product does not require a hazard warning label in accordance with GHS criteria.

## Other hazards which do not result in classification:

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

## 3. Composition/information on ingredients

Chemical nature

Polymer based on: melamine resin

## 4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

Wash thoroughly with soap and water. Consult a doctor if skin irritation persists.

On contact with eyes:

If difficulties occur: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If symptoms persist, seek medical advice.

On ingestion:

Rinse mouth and then drink plenty of water. If difficulties occur: Obtain medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

Note to physician:

Symptoms: No significant reaction of the human body to the product known.

Hazards: No hazard is expected under intended use and appropriate handling.

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

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## 5. Fire-Fighting Measures

Suitable extinguishing media:

water spray, foam, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Specific hazards:

carbon monoxide, carbon dioxide, formaldehyde, fumes/smoke, carbon black, toxic gases/vapours

Formation of further decomposition and oxidation products depends upon the fire conditions.

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. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental Release Measures

Personal precautions:

Avoid dust formation. Avoid skin contact and inhalation of dust/aerosol.

Environmental precautions:

Discharge into the environment must be avoided.

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Methods for cleaning up or taking up:  
Sweep/shovel up. Dispose of absorbed material in accordance with regulations.

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## 7. Handling and Storage

### Handling

Protect against moisture. Avoid dust formation. Processing machines must be fitted with local exhaust ventilation. Ensure thorough ventilation of stores and work areas.

Protection against fire and explosion:  
No special precautions necessary.

### Storage

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polypropylene (PP)  
Further information on storage conditions: Protect against moisture. Avoid direct sunlight.

Storage stability:  
May be kept indefinitely if stored properly.

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## 8. Exposure controls and personal protection

### Components with occupational exposure limits

The limit values will not be achieved if the product is processed proper and suitable ventilation is provided.

formaldehyde, 50-00-0;

STEL value 2.5 mg/m<sup>3</sup> ; 2 ppm (AU NOEL)  
TWA value 1.2 mg/m<sup>3</sup> ; 1 ppm (AU NOEL)  
TWA value 1.2 mg/m<sup>3</sup> ; 1 ppm (OEL (AU))  
STEL value 2.5 mg/m<sup>3</sup> ; 2 ppm (OEL (AU))  
STEL value 0.3 ppm (ACGIHTLV)  
TWA value 0.1 ppm (ACGIHTLV)

### Personal protective equipment

Respiratory protection:  
Breathing protection if dusts are formed. Particle filter with low efficiency for solid particles (e.g. EN 143 or 149, Type P1 or FFP1)

Hand protection:  
Protective gloves against mechanical risks (EN 388)

Eye protection:  
Required when there is a risk of eye contact., Safety glasses

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**Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

**General safety and hygiene measures:**

No special measures necessary if stored and handled correctly. Handle in accordance with good industrial hygiene and safety practice. Hands and/or face should be washed before breaks and at the end of the shift. Consult the company Industrial Hygienist for recommendations on exposure testing and personal protective equipment.

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## 9. Physical and Chemical Properties

Form: blocks, foam material, sheets  
Colour: various, depending on the colourant  
Odour: odourless  
Odour threshold: not determined

pH value:  
not applicable

Melting point:  
The substance / product decomposes therefore not determined.

Boiling range:  
The substance / product decomposes therefore not determined.

Flash point:  
The substance / product decomposes therefore not determined.

Evaporation rate:  
not applicable, The product is a non-volatile solid.

Flammability (solid/gas): not highly flammable

Lower explosion limit:  
For solids not relevant for classification and labelling., As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Upper explosion limit:	For solids not relevant for classification and labelling., As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.	
Ignition temperature:	> 580 °C	(ASTM D1929)
Thermal decomposition:	> 350 °C	
Self ignition:	not self-igniting	
Self heating ability:	It is not a substance capable of spontaneous heating.	
Explosion hazard:	not explosive	
Fire promoting properties:	not fire-propagating	
Vapour pressure:	not applicable	
Density:	approx. 4 - 12 g/l (20 °C, 1,013 hPa)	
Relative density:	approx. 0.004 - 0.012 (20 °C, 1,013 hPa)	
Bulk density:	not applicable	
Relative vapour density (air):	not applicable, The product is a non-volatile solid.	
Solubility in water:	not soluble (20 °C, 1,013 hPa)	
Partitioning coefficient n-octanol/water (log Pow):	not applicable	
Viscosity, dynamic:	not applicable, the product is a solid	
Viscosity, kinematic:	not applicable, the product is a solid	
Other Information:	The product can absorb up to 100 times its own weight of liquid.	

## 10. Stability and Reactivity

Conditions to avoid:  
 Avoid humidity.

Thermal decomposition: > 350 °C

Substances to avoid:  
strong acids, strong oxidizing agents, Halogens/ halogenation agents

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

Possible decomposition products:  
At prolonged and/or strong thermal stressing above the decomposition temperature dangerous decomposition products can be formed.

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## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:  
Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Experimental/calculated data:  
LD50 rat (oral): > 5,000 mg/kg

### Irritation

Assessment of irritating effects:  
Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

Experimental/calculated data:  
Skin corrosion/irritation rabbit:

### Respiratory/Skin sensitization

Assessment of sensitization:  
There is no evidence of a skin-sensitizing potential. A sensitizing effect on particularly sensitive individuals cannot be excluded.

### Germ cell mutagenicity

Assessment of mutagenicity:  
Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

### Carcinogenicity

Assessment of carcinogenicity:  
Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. There is no formation of respirable dust during intended uses. However, if dust formation occurs at processing/finishing processing steps like regranulation, mechanical machining (for example drilling, grinding etc.), occupational protection regulations have to be considered. No carcinogenic potential can be deduced from other studies with rats and mice.

### Reproductive toxicity

**Assessment of reproduction toxicity:**

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

**Developmental toxicity****Assessment of teratogenicity:**

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

**Repeated dose toxicity and Specific target organ toxicity (repeated exposure)****Assessment of repeated dose toxicity:**

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

**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.

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**12. Ecological Information****Ecotoxicity****Assessment of aquatic toxicity:**

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 the structure of the product.

**Mobility****Assessment transport between environmental compartments:**

Study scientifically not justified.

**Persistence and degradability****Assessment biodegradation and elimination (H<sub>2</sub>O):**

In accordance with the required stability the product is not readily biodegradable. The product has not been tested. The statement has been derived from the structure of the product.

**Bioaccumulation potential****Bioaccumulation potential:**

Because of the product's consistency and low water solubility, bioavailability is improbable.

**Additional information****Add. remarks environm. fate & pathway:**

Due to the consistency of the product, dispersion into the environment is impossible. Therefore no negative effects on the environment may be anticipated based on the present state of knowledge.

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### 13. Disposal Considerations

Check for possible recycling.  
Observe national and local legal requirements.

Contaminated packaging:  
Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.  
Completely emptied packagings can be given for recycling.

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### 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

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### 15. Regulatory Information

**Other regulations**

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP): Not Scheduled

**Registration status:**

AICS, AU released / exempt

Article

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## 16. Other Information

Recommended use: Open cell foam blocks for the production of sound and thermal insulation for the building and motor industries, for industrial processing only  
Unsuitable for use: cleaning purposes

In addition to the information given in the safety data sheet we refer to the product specific 'Technical Information'. The product does not contain recycled material.

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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. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.