

# Safety data sheet

Page: 1/9

BASF Safety data sheet

Date / Revised: 10.08.2011

Product: **MBRACE LAMINATE ADHESIVE PART B**

Version: 1.0

(30432135/SDS\_GEN\_AU/EN)

Date of print 11.08.2011

## 1. Substance/preparation and company identification

### **MBRACE LAMINATE ADHESIVE PART B**

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

HAZARDOUS SUBSTANCE, DANGEROUS GOOD

Harmful if swallowed.

Causes burns.

May cause sensitization by skin contact.

Keep locked-up and out of reach of children.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing, gloves and eye/face protection.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Use only in well-ventilated areas.

---

### 3. Composition/information on ingredients

#### Chemical nature

Preparation based on: amine

#### Hazardous ingredients

3-aminomethyl-3,5,5-trimethylcyclohexylamine

Content (W/W):  $\geq 15\%$  -  $< 20\%$

CAS Number: 2855-13-2

Hazard symbol(s): C

R-phrase(s): 21/22, 34, 43, 52/53

Benzyl alcohol

Content (W/W):  $\geq 5\%$  -  $< 7\%$

CAS Number: 100-51-6

Hazard symbol(s): Xn

R-phrase(s): 20/22

Benzoic acid, 2-hydroxy-

Content (W/W):  $\geq 1\%$  -  $< 2.5\%$

CAS Number: 69-72-7

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. Immediately remove contaminated clothing.

If inhaled:

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

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:

---

BASF Safety data sheet  
Date / Revised: 10.08.2011  
Product: **MBRACE LAMINATE ADHESIVE PART B**

Version: 1.0

(30432135/SDS\_GEN\_AU/EN)

Date of print 11.08.2011

Symptoms: Eye irritation, skin corrosion, allergic symptoms  
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, nitrogen oxides, fumes/smoke, carbon black, corrosive gases/vapours

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. Do not breathe vapour/aerosol/spray mists. 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 the skin, eyes and clothing.

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. Ensure adequate ventilation. 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: tin (tinplate)

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

---

## 8. Exposure controls and personal protection

### Components with workplace control parameters

Quartz (SiO<sub>2</sub>), 14808-60-7;

TWA value 0.1 mg/m<sup>3</sup> (OEL (AU))

(OEL (AU)), dust

Included in the regulation, but with no data values - See the regulation for further details

calcium carbonate, 471-34-1;

TWA value 10 mg/m<sup>3</sup> (OEL (AU)), Inhalable dust

### Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other  
Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Wear safety goggles at working overhead and danger of sputtering., Safety glasses with side-shields (frame goggles) (e.g. EN 166)

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:

Avoid contact with the skin, eyes and clothing. 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:	paste
Colour:	dark red
Odour:	amine-like
pH value:	> 12 (23 °C) neutral to slightly alkaline
Boiling point:	> 150 °C
Flash point:	> 100 °C not applicable
Flammability:	does not ignite
Explosion hazard:	not explosive
Density:	approx. 0.960 - 1.000 g/cm <sup>3</sup> (23 °C) 1.46 g/cm <sup>3</sup> (55 °C)
Solubility in water:	insoluble (20 °C)
Miscibility with water:	(20 °C) immiscible
Hygroscopy:	Non-hygroscopic
Viscosity, kinematic:	approx. 50,000 mm <sup>2</sup> /s

### 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

Corrosion to metals: No corrosive effect on metal.

### 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:

Of moderate toxicity after short-term skin contact. Of moderate toxicity after single ingestion.

### Irritation

Assessment of irritating effects:

Corrosive! Damages skin and eyes.

### Sensitization

Assessment of sensitization:

Sensitization after skin contact possible.

### Repeated dose toxicity

Assessment of repeated dose toxicity:

No reliable data was available concerning repeated dose toxicity.

### Genetic toxicity

Assessment of mutagenicity:

No mutagenic effect was found in various tests with bacteria and mammalian cell culture.

### Carcinogenicity

Assessment of carcinogenicity:

No data available concerning carcinogenic effects.

### Reproductive toxicity

Assessment of reproduction toxicity:

Repeated oral uptake of the substance did not cause damage to the reproductive organs.

### Developmental toxicity

Assessment of teratogenicity:

No indications of a developmental toxic / teratogenic effect were seen in animal studies.

### 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 the properties of the individual components.

## 12. Ecological Information

### Ecotoxicity

Assessment of aquatic toxicity:

There is a high probability that the product is not acutely harmful to aquatic organisms.

### **Mobility**

Assessment transport between environmental compartments:

The substance will not evaporate into the atmosphere from the water surface.

Adsorption to solid soil phase is possible.

### **Persistence and degradability**

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

Not readily biodegradable (by OECD criteria).

### **Bioaccumulation potential**

Assessment bioaccumulation potential:

No data available concerning bioaccumulation.

### **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 statements on ecotoxicology have 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:**

Hazard class: 8

Packing group: II

ID number: UN 2735

Hazard label: 8

Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (contains ISOPHORONEDIAMINE)

### **Further information**

Hazchem Code:2X

IERG Number:36

**Sea transport**

## IMDG

Hazard class: 8  
Packing group: II  
ID number: UN 2735  
Hazard label: 8  
Marine pollutant: NO  
Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (contains ISOPHORONEDIAMINE)

**Air transport**

## IATA/ICAO

Hazard class: 8  
Packing group: II  
ID number: UN 2735  
Hazard label: 8  
Proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (contains ISOPHORONEDIAMINE)

**Further information**

Environmentally Hazardous Substances meeting the description of UN 3077 or UN 3082 are not subjected to the Australian Dangerous Goods Code when transported by road or rail in packagings not exceeding 500 Kg or 500 L.

---

**15. Regulatory Information**

Poisons Schedule: Not scheduled

**Regulations of the European union (Labelling)**

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

Hazard symbol(s)  
C Corrosive.

R-phrase(s)  
R22 Harmful if swallowed.  
R34 Causes burns.  
R43 May cause sensitization by skin contact.

BASF Safety data sheet  
 Date / Revised: 10.08.2011  
 Product: **MBRACE LAMINATE ADHESIVE PART B**

Version: 1.0

(30432135/SDS\_GEN\_AU/EN)

Date of print 11.08.2011

S-phrase(s)	
S1/2	Keep locked-up and out of reach of children.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S51	Use only in well-ventilated areas.

Hazard determining component(s) for labelling: ISOPHORONEDIAMINE

### 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.

### **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:

C	Corrosive.
Xn	Harmful.
21/22	Harmful in contact with skin and if swallowed.
34	Causes burns.
43	May cause sensitization by skin contact.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
20/22	Harmful by inhalation and 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.