

# Safety data sheet

Page: 1/9

BASF Safety data sheet  
Date / Revised: 10.08.2011  
Product: **CONGRESIVE 1444 PART B**

Version: 1.0

(30431714/SDS\_GEN\_AU/EN)

Date of print 11.08.2011

## 1. Substance/preparation and company identification

### CONGRESIVE 1444 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

Harmful in contact with skin and if swallowed.  
Causes burns.  
May cause sensitization by skin contact.  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**HAZARDOUS SUBSTANCE, DANGEROUS GOOD**

Harmful in contact with skin and if swallowed.  
Causes burns.  
May cause sensitization by skin contact.  
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.  
Do not empty into drains.  
Wear suitable protective clothing, gloves and eye/face protection.

(30431714/SDS\_GEN\_AU/EN)

Date of print 11.08.2011

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

epoxy resin, Hardener

#### Hazardous ingredients

3-aminomethyl-3,5,5-trimethylcyclohexylamine  
Content (W/W):  $\geq 50\%$  -  $< 75\%$   
CAS Number: 2855-13-2  
Hazard symbol(s): C  
R-phrase(s): 21/22, 34, 43, 52/53

Benzyl alcohol  
Content (W/W):  $\geq 20\%$  -  $< 25\%$   
CAS Number: 100-51-6  
Hazard symbol(s): Xn  
R-phrase(s): 20/22

Benzoic acid, 2-hydroxy-  
Content (W/W):  $\geq 7\%$  -  $< 10\%$   
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. 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.

BASF Safety data sheet  
Date / Revised: 10.08.2011  
Product: **CONGRESIVE 1444 PART B**

Version: 1.0

(30431714/SDS\_GEN\_AU/EN)

Date of print 11.08.2011

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:  
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 monoxide, carbon dioxide, 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. 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: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.  
For large amounts: Pump off product.

---

## 7. Handling and Storage

### Handling

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. 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.  
Take precautionary measures against static discharges.

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

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. 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:

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:	liquid
Colour:	clear to slightly amber
Odour:	amine-like
pH value:	> 12 (water, 23 °C)
Melting point:	No data available.
Boiling point:	> 100 °C
Flash point:	> 100 °C
Flammability:	does not ignite
Lower explosion limit:	not available
Upper explosion limit:	not available
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:	0.96 - 1.00 g/cm <sup>3</sup> (23 °C) 1 g/cm <sup>3</sup> (55 °C)
Bulk density:	960 - 1,060 kg/m <sup>3</sup> not applicable
Solubility in water:	insoluble
Miscibility with water:	immiscible
Hygroscopy:	Non-hygroscopic
Viscosity, dynamic:	(23 °C) not applicable
Solids content:	100 %

### 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:  
oxidizing agents, alkali metals, acids

Corrosion to metals: No corrosive effect on metal.

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

Hazardous decomposition products:  
carbon oxides, toxic substances

---

## 11. Toxicological Information

### Acute toxicity

Assessment of acute toxicity:  
The product has not been tested. The statement has been derived from the properties of the individual components.

### Irritation

Assessment of irritating effects:  
Skin contact causes irritation. May cause severe damage to the eyes.

### Sensitization

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

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

### Carcinogenicity

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

### Reproductive toxicity

Assessment of reproduction toxicity:

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

### Developmental toxicity

Assessment of teratogenicity:

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

### Other relevant toxicity information

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

---

## 12. Ecological Information

### Ecotoxicity

Assessment of aquatic toxicity:

Very toxic (acute effect) to aquatic organisms. May cause long-term adverse effects in the aquatic environment. 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:

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains COCOALKYLAMINES) MIXTURE

### Further information

Hazchem Code:3Z

IERG Number:47

BASF Safety data sheet  
 Date / Revised: 10.08.2011  
 Product: **CONGRESIVE 1444 PART B**

Version: 1.0

(30431714/SDS\_GEN\_AU/EN)

Date of print 11.08.2011

**Sea transport**

## IMDG

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Marine pollutant:	YES
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains COCOALKYLAMINES) MIXTURE

**Air transport**

## IATA/ICAO

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains COCOALKYLAMINES) MIXTURE

**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)	
R21/22	Harmful in contact with skin and if swallowed.
R34	Causes burns.
R43	May cause sensitization by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

