

# SAFETY DATA SHEET

## MBRACE PUTTY PART B

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**PRODUCT NAME:** MBRACE PUTTY PART B

**PART No.:** F116424

**SUPPLIER:** BASF Construction Chemicals (UK) Ltd  
Albany House  
Swinton Hall Road  
Swinton Manchester M27 4DT

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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
METHYLENEDICYCLOHEXALAMINE	1761-71-3	1-5 %	C	22, 35, 37, 43
BENZENE-1,3-DIMETHANAMINE	1477-55-0	5-10 %	C	20/22, 35, 43

### 3 HAZARDS IDENTIFICATION

Causes burns.  
May cause sensitisation by skin contact.

### 4 FIRST AID MEASURES

**INHALATION:** Move the exposed person to fresh air at once. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

**INGESTION:** DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. Get medical attention immediately! Provide rest, warmth and fresh air.

**SKIN:** Remove affected person from source of contamination. Immediately remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

**EYES:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

### 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Fire can be extinguished using: Water spray, fog or mist. Foam. Powder.

## MBRACE PUTTY PART B

### 6 ACCIDENTAL RELEASE MEASURES

**PRECAUTIONS TO PROTECT ENVIRONMENT:**

Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

**SPILL CLEANUP METHODS:**

Wear necessary protective equipment. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS:**

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**STORAGE PRECAUTIONS:**

Keep away from heat, sparks and open flame. Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

### 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

**INGREDIENT COMMENTS:**

OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT:****VENTILATION:**

Provide adequate general and local exhaust ventilation.

**RESPIRATORS:**

Respiratory protection must be used if air concentration exceeds acceptable level.

**PROTECTIVE GLOVES:**

Use protective gloves made of: Butyl rubber or polyvinyl acetate.

**EYE PROTECTION:**

Use approved safety goggles or face shield.

**OTHER PROTECTION:**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**HYGIENIC WORK ROUTINES:**

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. No eating or drinking while working with this material.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:**

Paste or slurry.

**COLOUR:**

Grey.

**ODOUR/TASTE:**

Amine.

**SPECIFIC GRAVITY (Water=1):**

1.14

**VAPOUR PRESSURE:**

1 (20)

**FLASH POINT (°C):**

> 93

**AUTO IGNITION TEMPERATURE (°C):**

> 350 DIN 51794

**FLAMMABILITY LIMIT (lower %):**

1.3 vol %

### 10 STABILITY AND REACTIVITY

**STABILITY:**

Normally stable.

**CONDITIONS TO AVOID:**

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

High temperatures generate: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous Oxides (NO)

## MBRACE PUTTY PART B

### 11 TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL DATA:**

Acute toxicity.	LD50.	Rat.	>500 mg/kg
Acute toxicity.	LD50.	Rat.	>2000 mg/kg

### 12 ECOLOGICAL INFORMATION

**ENVIRONMENTAL HAZARDS:** Not readily biodegradeable

### 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.

### 14 TRANSPORT INFORMATION

**LABEL FOR CONVEYANCE:**



**ROAD:**

UN No:	2735	ADR CLASS No:	8
HAZARD CLASS (ADR):	Class 8: Corrosive substances.	HAZARD No. (ADR):	80
ADR ITEM No:	53 (c)	ADR LABEL No:	8
MARGINAL:	2801	CEFIC TEC(R) No:	80G15
HAZCHEM CODE:	3X	PROPER SHIPPING NAME I:	AMINES, LIQUID, CORROSIVE, NOS (Contains BENZENE-1,3-DIMETHANAMINE)

**RAIL:**

RAIL TRANSPORT CLASS No:	8	RAILROAD PT:	53(c)
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**SEA:**

UN SEA:	2735	SEA TRANSPORT CLASS No:	8
IMDG Page No:	8109-2	SEA PACK GR:	III
EmS No.:	8-05	MFAG Table No:	320

**AIR:**

UN AIR:	2735	AIR TRANSPORT CLASS No:	8
AIR PACK GR:	III		

### 15 REGULATORY INFORMATION

**LABEL FOR SUPPLY:**



CORROSIVE

## MBRACE PUTTY PART B

<b>RISK PHRASES:</b>	R-34	Causes burns.
	R-43	May cause sensitisation by skin contact.
<b>SAFETY PHRASES:</b>	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S-27	Take off immediately all contaminated clothing.
	S-45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
	S-24/25	Avoid contact with skin and eyes.
	S-36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S-60	This material and its container must be disposed of as hazardous waste.

### 16 OTHER INFORMATION

<b>REVISION DATE:</b>	01/12/06
<b>REVISION No. /REPLACES SDS ISSUED:</b>	
	Issue 2
<b>SDS No.:</b>	SDS0229