

## SAFETY DATA SHEET

### MASTERFLOW 101 BASE

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

**PRODUCT NAME:** MASTERFLOW 101 BASE

**PART No.:** F355636

**SYNONYMS, TRADE NAMES:** Febfast PG

**SUPPLIER:** BASF Construction Chemicals  
Albany House  
Swinton Hall Road  
Swinton Manchester M27 4DT

**TEL:** (+44) 161 794 7411

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#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
REACTION PRODUCT BISPHENOL A	25085-99-8	60-100 %	Xi, N	36/38, 43, 51/53
REACTION PRODUCT BISPHENOL F	28064-14-4	5-10 %	Xi, N	36/38, 43, 51/53
ALKYLGLICIDYLETHER	68081-84-5	5-10 %	Xi, N	36/38, 43, 51/53

**COMPOSITION COMMENTS:** Three component epoxy resin based product. Base component based on bisphenol A epoxy resin.

#### 3 HAZARDS IDENTIFICATION

Irritating to eyes and skin.  
May cause sensitisation by skin contact.  
Toxic to aquatic organisms.  
May cause long-term adverse effects in the aquatic environment.

#### 4 FIRST AID MEASURES

**INHALATION:** Move the exposed person to fresh air at once. 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. Obtain medical advice. Provide rest, warmth and fresh air.

**SKIN:** Important to remove the substance from the skin immediately. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing. Chemical burns must be treated by a physician.

**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.

## MASTERFLOW 101 BASE

### 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Fire can be extinguished using: Water spray. Powder, foam or CO<sub>2</sub>.

### 6 ACCIDENTAL RELEASE MEASURES

**PRECAUTIONS TO PROTECT ENVIRONMENT:**

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

**SPILL CLEANUP METHODS:** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Wear necessary protective equipment.

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS:** Provide sufficient air exchange and/or exhaust in work rooms. Handle and open container with care. Avoid formation of aerosol

**STORAGE PRECAUTIONS:** Keep away from food and drink. Keep container tightly closed at room temperature in the original container.

### 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

**PROTECTIVE EQUIPMENT:**



**VENTILATION:**

Provide adequate general and local exhaust ventilation.

**RESPIRATORS:**

In case of insufficient ventilation wear suitable respiratory equipment.

**PROTECTIVE GLOVES:**

Use protective gloves.

**EYE PROTECTION:**

Use approved safety goggles or face shield.

**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

<b>APPEARANCE:</b>	Liquid.	<b>COLOUR:</b>	Brown.
<b>SOLUBILITY DESCRIPTION:</b>	Immiscible with water.	<b>FLASH POINT (°C):</b>	> 200

### 10 STABILITY AND REACTIVITY

**STABILITY:**

Normally stable.

**CONDITIONS TO AVOID:**

Take necessary action to avoid static electricity discharge

**MATERIALS TO AVOID:**

Strong acids and strong bases strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Burning produces obnoxious and toxic fumes. Carbon Oxides

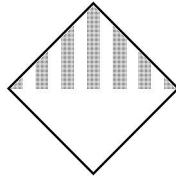
### 11 TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL DATA:**

Acute toxicity.	LD50.	Oral.	Rat.	>5000 mg/kg
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**MASTERFLOW 101 BASE****SKIN:** May cause sensitisation by skin contact.**12 ECOLOGICAL INFORMATION****ECOTOXICOLOGICAL DATA:**

Acute toxicity.	LC50	96 hours	fish	2.4mg/l
Acute toxicity.	LC50	96 hours	Daphnia	3.6mg/l

**ENVIRONMENTAL HAZARDS:** Avoid subsoil penetration. Do not let product enter drains. Do not contaminate surface water.**DEGRADABILITY:** Not really Biodegradeable**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.**14 TRANSPORT INFORMATION****LABEL FOR CONVEYANCE:****ROAD:**

<b>UN No:</b>	3082		
<b>HAZARD CLASS (ADR):</b>	Class 9: Miscellaneous dangerous substances and articles.		
<b>ADR CLASS No:</b>	9	<b>ADR ITEM No:</b>	11 (c)
<b>PROPER SHIPPING NAME I:</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS (Contains Epoxy Resin)		

**RAIL:**

<b>RAIL TRANSPORT CLASS No:</b>	9	<b>RAILROAD PT:</b>	11 (c)
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**SEA:****SEA TRANSPORT CLASS No:** Not Regulated**AIR:****AIR TRANSPORT CLASS No:** Not Regulated**15 REGULATORY INFORMATION****LABEL FOR SUPPLY:**

IRRITANT



DANGEROUS FOR THE ENVIRONMENT

<b>RISK PHRASES:</b>	R-36/38 R-43	Irritating to eyes and skin. May cause sensitisation by skin contact.
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<b>SAFETY PHRASES:</b>	S-26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
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**MASTERFLOW 101 BASE**

S-37	Wear suitable gloves.
S-24/25	Avoid contact with skin and eyes.
P-5	Contains epoxy constituents. See information supplied by the manufacturer.
S-60	This material and its container must be disposed of as hazardous waste.

**GUIDANCE NOTES:**

Occupational Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.  
CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

**REVISION DATE:** 01/10/01  
**REVISION No. /REPLACES SDS ISSUED:** Issue 1  
**SDS No.:** SDS0192