



# SAFETY DATA SHEET

## EXPANSEAL

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

**PRODUCT NAME:** EXPANSEAL

**PART No.:** BIP080

**SUPPLIER:** MBT Feb  
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### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS No.	CONTENTS	HEALTH (class)	RISK (R No.)
BITUMEN CUTBACK		10-30 %	Xn	40
XYLENE-meta	108-38-3	10-30 %	Xn	20/21, 38

### 3 HAZARDS IDENTIFICATION

Flammable.  
Harmful by inhalation and in contact with skin.  
Irritating to skin.  
Possible risk of irreversible effects.  
Carcinogen Category 3.

### 4 FIRST AID MEASURES

**INHALATION:** Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. 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:** Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists 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.



## EXPANSEAL

### 5 FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Fire can be extinguished using: Foam. Carbon dioxide (CO<sub>2</sub>). Dry chemicals, sand, dolomite etc.

**SPECIAL FIRE FIGHTING PROCEDURES:** Cool containers exposed to flames with water until well after the fire is out.

### 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. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

### 7 HANDLING AND STORAGE

**USAGE PRECAUTIONS:** Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS:** Keep in cool, dry, ventilated storage and closed containers.

### 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
XYLENE-meta	108-38-3	OES.	100 ppm(Sk)	150 ppm(Sk)

**PROTECTIVE EQUIPMENT:**



**PROTECTIVE GLOVES:** Use protective gloves made of: Butyl rubber.

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

**HYGIENIC WORK ROUTINES:** Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material. **DO NOT SMOKE IN WORK AREA!**

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Paste	<b>COLOUR:</b>	White.
<b>SOLUBILITY DESCRIPTION:</b>	Insoluble in water.	<b>FLASH POINT (°C):</b>	45
<b>FLASH POINT METHOD:</b>	PM Closed cup.		



## EXPANSEAL

### 10 STABILITY AND REACTIVITY

**STABILITY:** Normally stable.  
**CONDITIONS TO AVOID:** Avoid heat. Avoid contact with acids and oxidising substances.  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### 11 TOXICOLOGICAL INFORMATION

**INHALATION:** Causes nausea, headache, intoxication in large concentration  
**INGESTION:** Causes gastric irritation and narcosis if swallowed  
**SKIN:** Frequent or prolong contact may cause dermatitis  
**EYES:** Irritating to eyes.

### 12 ECOLOGICAL INFORMATION

**ENVIRONMENTAL HAZARDS:** Keep out of waterways can be expected to biodegrade slowly

### 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:** Incinerate in suitable combustion chamber. Dispose of in accordance with Local Authority requirements.

### 14 TRANSPORT INFORMATION

**LABEL FOR CONVEYANCE:**



<b>ROAD:</b>			
<b>UN No:</b>	1325	<b>ADR CLASS No:</b>	4.1
<b>HAZARD CLASS (ADR):</b>	Division 4.1: Flammable solids.	<b>HAZARD No. (ADR):</b>	40
<b>ADR ITEM No:</b>	6 (c)	<b>ADR LABEL No:</b>	4.1
<b>MARGINAL:</b>	2401	<b>CEFIC TEC(R) No:</b>	41G10
<b>HAZCHEM CODE:</b>	1[Z]		
<b>PROPER SHIPPING NAME I:</b>	FLAMMABLE SOLID,ORGANIC		
<b>RAIL:</b>			
<b>RAIL TRANSPORT CLASS No:</b>	4.1	<b>RAILROAD PT:</b>	6(c)
<b>SEA:</b>			
<b>UN SEA:</b>	1325	<b>SEA TRANSPORT CLASS No:</b>	Class 3
<b>SEA PACK GR:</b>	III	<b>EmS No.:</b>	4.1-05
<b>MARINE POLLUTANT:</b>	No.		
<b>AIR:</b>			
<b>UN AIR:</b>	1325	<b>AIR TRANSPORT CLASS No:</b>	4.1
<b>AIR PACK GR:</b>	III		



## EXPANSEAL

### 15 REGULATORY INFORMATION

**LABEL FOR SUPPLY:**



**HARMFUL**

<b>RISK PHRASES:</b>	R-10 R-20/21 R-38 R-40	Flammable. Harmful by inhalation and in contact with skin. Irritating to skin. Possible risk of irreversible effects.
<b>SAFETY PHRASES:</b>	S-2 S-13 S-24 S-46  S-51 S-36/37	Keep out of reach of children. Keep away from food, drink and animal feeding stuffs. Avoid contact with skin. If swallowed seek medical advice immediately and show this container label.  Use only in well ventilated areas. Wear suitable protective clothing and gloves.
<b>UK REGULATORY REFERENCES:</b>	Petroleum (Consolidation) Act, as amended 1984 SI 1244. Highly Flammable Liquid Regulations 1972.	
<b>UK ENVIRONMENTAL LISTINGS:</b>	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.	
<b>EC DIRECTIVES:</b>	System of specific information relating to Dangerous Preparations. 91\155.	
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.	
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).	

### 16 OTHER INFORMATION

<b>INFORMATION SOURCES:</b>	Dangerous Properties of Industrial Materials Report, N.Sax et.al.
<b>REVISION DATE:</b>	01/10/01
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