

## SAFETY DATA SHEET

### RHEOFINISH 277

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

**PRODUCT NAME:** RHEOFINISH 277

**PART No.:** F000000

**SYNONYMS, TRADE NAMES:** Aquaseal 777 Mould Oil

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

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**CONTACT PERSON:** Regulatory Affairs Manager

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	EINECS No.	CAS No.	CONTENTS	SYMBOL	RISK (R No.)
PETROLEUM DISTILLATES			30-60 %	Xn	65

The full text for all R-phrases are shown in section 16.

**COMPOSITION COMMENTS:** One component product comprising carboxylic acid derivative dispersed in hydrocarbon oil.

#### 3 HAZARDS IDENTIFICATION

Flammable.  
Harmful: may cause lung damage if swallowed.

#### 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. 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.

## RHEOFINISH 277

### 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. Do not contaminate water sources or sewer. Absorb in vermiculite, dry sand or earth and place into containers. Avoid breathing vapour

### 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

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** No particular ventilation requirements.

**PROTECTIVE GLOVES:** Use protective gloves. or gauntlets if risk of skin contact

**EYE PROTECTION:** If risk of splashing, wear 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:** 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>	Liquid.	<b>COLOUR:</b>	Yellow.
<b>ODOUR/TASTE:</b>	Hydrocarbon oil		
<b>SOLUBILITY DESCRIPTION:</b>	Immiscible with water.	<b>SPECIFIC GRAVITY (Water=1):</b>	0.89 @ 20 °C
<b>VAPOUR PRESSURE:</b>	23mbar	<b>pH-VALUE, CONC:</b>	N/A
<b>VISCOSITY:</b>	MORE THAN - 7 cSt @ 40 °C	<b>FLASH POINT (°C):</b>	>50 °C
<b>FLASH POINT METHOD:</b>	CC (Closed cup).		
<b>AUTO IGNITION TEMPERATURE (°C):</b>	N/A	<b>FLAMMABILITY LIMIT (lower %):</b>	N/A

## RHEOFINISH 277

### 10 STABILITY AND REACTIVITY

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

### 11 TOXICOLOGICAL INFORMATION

<b>TOXIC DOSE1- LD50:</b>	N/A
<b>HEALTH HAZARDS, GENERAL:</b>	Not irritating
<b>INHALATION:</b>	May cause irritation to the respiratory system. and lung damage
<b>INGESTION:</b>	May cause discomfort if swallowed.
<b>SKIN:</b>	Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
<b>EYES:</b>	Spray and vapour in the eyes may cause irritation and smarting.
<b>HEALTH WARNINGS:</b>	No specific health warnings noted.
<b>OTHER HEALTH EFFECTS:</b>	May cause sensitisation to susceptible persons

### 12 ECOLOGICAL INFORMATION

<b>ENVIRONMENTAL HAZARDS:</b>	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Can be expected to biodegrade slowly
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### 13 DISPOSAL CONSIDERATIONS

<b>DISPOSAL METHODS:</b>	Dispose of in accordance with Local Authority requirements.
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### 14 TRANSPORT INFORMATION

**LABEL FOR CONVEYANCE:**

<b>ROAD:</b>			
<b>UN No:</b>	1263	<b>ADR CLASS No:</b>	3
<b>HAZARD CLASS (ADR):</b>	Class 3: Flammable liquids.	<b>HAZARD No. (ADR):</b>	30
<b>ADR ITEM No:</b>	31 (c)	<b>ADR LABEL No:</b>	3
<b>MARGINAL:</b>	2301	<b>CEFIC TEC(R) No:</b>	30G36
<b>HAZCHEM CODE:</b>	30G80		
<b>RAIL:</b>			
<b>RAIL TRANSPORT CLASS No:</b>	3	<b>RAILROAD PT:</b>	31 (c)
<b>SEA:</b>			
<b>UN SEA:</b>	1263	<b>SEA TRANSPORT CLASS No:</b>	Class 3
<b>IMDG Page No:</b>	3372	<b>SEA PACK GR:</b>	III
<b>EmS No.:</b>	3-05	<b>MFAG Table No:</b>	310 or 313
<b>MARINE POLLUTANT:</b>	No.		

**RHEOFINISH 277**

AIR:

UN AIR:

AIR PACK GR:

1263

III

AIR TRANSPORT CLASS No:

3

**15 REGULATORY INFORMATION**

LABEL FOR SUPPLY:



HARMFUL

RISK PHRASES:

R-10

Flammable.

R-65

Harmful: may cause lung damage if swallowed.

SAFETY PHRASES:

S-13

Keep away from food, drink and animal feeding stuffs.

S-2

Keep out of reach of children.

S-23

Do not breathe gas/fumes/vapour/spray.

S-46

If swallowed seek medical advice immediately and show this container label.

S-51

Use only in well ventilated areas.

S-56

Dispose of this material and its container to hazardous or special waste collection point.

EC DIRECTIVES:

System of specific information relating to Dangerous Preparations. 91\155.

APPROVED CODE OF PRACTICE:

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES:

Occupational Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

INFORMATION SOURCES:

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION DATE:

01/12/06

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Issue 3

SDS No.:

SSDS0174

R-PHRASES (Full Text):

R-65

Harmful: may cause lung damage if swallowed.