SAFETY DATA SHEET ROTAFIX TM3 MOULDING MORTAR 3522 BASE PART A

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier
ROTAFIX TM3 MOULDING MORTAR (BASE) PART A

Product Name
ROTAFIX TM3 MOULDING MORTAR (BASE) PART A

Relevant identified uses of the substance or mixture and uses advised against

Identified uses
Refer to technical data sheet

Uses advised against
Specific uses are identified above and in the technical data sheet. No other uses have been identified and are advised against.

Details of the supplier of the safety data sheet
Manufacturer / Supplier
Rotafix (Northern) Ltd
Rotafix House
Hennoyadd Road
Abercrarf, Swansea
SA9 1UR

EMAIL
sales@rotafix.co.uk

EMERGENCY TELEPHONE
OFFICE HOURS - +44(0)1639 730481

2. HAZARDS IDENTIFICATION

CLASSIFICATION of the substance or mixture
CLASSIFICATION according to regulation (EC 1272/2008)

GHS09 environment  GHS08  GHS07

Aquatic Chronic 2  H411 Toxic to aquatic life with long lasting effects

Skin Irrit. 2  H315 Causes skin irritation
Eye Irrit. 2  H319 Causes serious eye irritation
Skin Sens.1  H317 May cause an allergic skin reaction

Label In Accordance With (EC) No 1272/2008

SIGNAL WORD Warning
CONTAINS Epoxy resin Epoxy resin (average molecular weight <700)
REACTION PRODUCT BISPHENOL - A
HAZARD STATEMENTS

H315  Causes skin irritation
H317  May cause an allergic skin reaction
H319  Causes serious eye irritation
H411  Toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS

P273  Avoid release to the environment
P280  Wear protective gloves/protective clothing/eye protection/face protection
P305+351+338  IF IN EYES: Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing.
P313  Get medical advice/attention
P501a  Dispose of contents / container in accordance with local/regional/national / international regulations

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P272  Contaminated work clothing should not be allowed out of the workplace
P261  Avoid breathing vapour/spray
P264  Wash contaminated skin thoroughly after handling
P321  Specific treatment (see medical advice on this label)
P302+352  IF ON SKIN: Wash with plenty of soap and water
P332+313  If skin irritation occurs: Get medical advice/attention
P333+313  If skin irritation or rash occurs: Get medical advice/attention
P337  If eye irritation persists: Get medical advice/attention
P362  Take off contaminated clothing and wash before reuse
P363  Wash contaminated clothing before reuse
P391  Collect spillage.

OTHER HAZARDS)

This product does not contain any PBT or vPvB

3 COMPOSITION/INFORMATION ON INGREDIENTS

BISPHENAL F EPOXY RESIN
CAS-No.: 9003-36-5
10 – 30%

LOW BOILING POINT NAPHTHA – UNSPECIFED – STODDARD SOLVENT
CAS-No.: 8052-41-3
1 – 10%

OXIRANE,MONO (C12-14 ALKYOXY)METHYL]DERIVATIVES
CAS-No.: 68609-97-2
10 – 30%

BISPHENAL A EPOXY RESIN NUMBER  AVERAGE MW <700
CAS-No.: 25068-38-6
50 – 70%

Classification (EC 1272/2008)
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319
Skin Sens. 1 H317
Aquatic Chronic 2 - H411

Classification (67/548/EEC)
R43
Xi;R36/38
N;R51/53
SAFETY DATA SHEET ROTAFIX TM3 MOULDING MORTAR 3522 BASE PART A

4 FIRST AID MEASURES

GENERAL INFORMATION
Get medical attention immediately. If in doubt, get medical attention promptly. Keep affected person under observation. Never
Give anything by mouth to an unconscious person. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen
Move affected person to fresh air at once. Remove affected person from source of contamination. Show this Safety Data Sheet to the medical personnel.

INHALATION
Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION
NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

SKIN CONTACT:
Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT
Remove victim immediately from source of exposure. 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.

MOST IMPORTANT SYMPTOMS AND EFFECTS BOTH ACUTE AND DELAYED
Seek medical attention in case of contact with Skin, Eyes or IF Inhaled. If adverse develop seek medical attention. Treat symptomatically. The severity of the symptoms described will vary dependant on the concentration and the length of exposure. The product contains a sensitising substance.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED
No specific antidote is known. No specific treatment is known. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
UNSUITABLE EXTINGUISHING MEDIA
Do not use water jet as an extinguisher, as this may spread the fire.
HAZARDS COMBUSTION PRODUCTS
None under normal conditions. In case of fire, toxic gases (CO, CO2, NOx) may be formed
UNUSUAL FIRE & EXPLOSION HAZARDS
No unusual fire or explosion hazards noted.
SPECIFIC HAZARDS
In case of fire, toxic gases may be formed (COx, NOx). Not known
PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS
Wear SCBA breathing apparatus and chemical resistant suites to EN 469 standard.
SAFETY DATA SHEET ROTAFIX TM3 MOULDING MORTAR 3522 BASE PART A

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Do not handle broken packages without protective equipment. Avoid contact with contaminated tools and objects. Avoid contact with eyes and prolonged skin contact. Avoid inhalation of vapours and contact with skin and eyes. Wash thoroughly after dealing with a spillage. Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS
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.

STORAGE PRECAUTIONS
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS
Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

WEL = Workplace Exposure Limit.
INGREDIENT COMMENTS
WEL = Workplace Exposure Limit

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
Provide eyewash station.

ENGINEERING MEASURES
Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists. HAND

PROTECTION
Use protective gloves made of: Nitrile. Viton rubber (fluor rubber). Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION
Wear tight-fitting goggles or face shield.

OTHER PROTECTION
Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES
DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
SAFETY DATA SHEET ROTAFIX TM3 MOULDING MORTAR 3522 BASE PART A

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>APPEARANCE</th>
<th>Dry paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>COLOUR</td>
<td>Dull Yellow</td>
</tr>
<tr>
<td>ODOUR</td>
<td>Characteristic</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Immiscible with water</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

CONDITIONS TO AVOID
Avoid excessive heat for prolonged periods of time.

HAZARDOUS POLYMERISATION
Will not polymerise.

MATERIALS TO AVOID
Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS
Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION
Irritating to respiratory system.

INGESTION
May cause stomach pain or vomiting.

SKIN CONTACT
May cause sensitisation by skin contact. Irritating to skin.

EYE CONTACT
Irritating to eyes.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
APPEARANCE Dry Paste
COLOUR Dull Yellow
ODOUR Characteristic
SOLUBILITY Immiscible with water

Dispose of waste and residues in accordance with local authority requirements.
SAFETY DATA SHEET ROTAFIX TM3 MOULDING MORTAR 3522 BASE PART A

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (EPOXY RESIN (Number average MW <=700), epoxy resin)

ENVIROMETNALLY No

HAZARDOUS SUBSTANCE/MARINE POLLUTANT

UN NO. ROAD 3082
ADR CLASS NO. 9
ADR CLASS Class 9: Miscellaneous dangerous substances and articles
ADR PACK GROUP III
HAZARD No. (ADR) 90
ADR LABEL NO. 9
HAZCHEM CODE 3Z
UN NO. SEA 3082
IMDG CLASS 9
IMDG PACK GR. III
EMS F-A, S-F
UN NO. AIR 3082
AIR CLASS 9
AIR PACK GR. III
TUNNEL RESTRICTION CODE (E)

15 REGULATORY INFORMATION

STATUTORY INSTRUMENTS

APPROVED CODE OF PRACTICE
Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES
Workplace Exposure Limits EH40.

16 OTHER INFORMATION

HAZARD STATEMENTS IN FULL

H319 Causes serious eye irritation
H315 Causes skin irritation
H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H317 May cause an allergic skin reaction
H336 May cause drowsiness or dizziness
H335 May cause respiratory irritation
EUH066 Repeated exposure may cause skin dryness or cracking
H411 Toxic to aquatic life with long lasting effects
SAFETY DATA SHEET ROTAFIX TM3 MOULDING MORTAR 3522 BASE PART A

RISK PHRASES IN FULL

R10  Flammable.
R65  Harmful: may cause lung damage if swallowed.
R36/38 Irritating to eyes and skin.
R37  Irritating to respiratory system.
R38  Irritating to skin.
R43  May cause sensitisation by skin contact.
R66  Repeated exposure may cause skin dryness or cracking.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67  Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warrant) guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

MSDSJUNE2015/3522/A
# SAFETY DATA SHEET ROTAFIX TM3 MOULDING MORTAR 3422 HARDENER PART B

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

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>ROTAFIX TM3 MOULDING MORTAR HARDENER PART B</th>
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<tbody>
<tr>
<td>SUPPLIER</td>
<td>Rotafix (Northern) Ltd</td>
</tr>
<tr>
<td></td>
<td>Rotafix House</td>
</tr>
<tr>
<td></td>
<td>Hennoyadd Road</td>
</tr>
<tr>
<td></td>
<td>Abercraf, Swansea</td>
</tr>
<tr>
<td></td>
<td>SA9 1UR</td>
</tr>
<tr>
<td>EMAIL</td>
<td><a href="mailto:sales@rotafix.co.uk">sales@rotafix.co.uk</a></td>
</tr>
<tr>
<td>EMERGENCY TELEPHONE</td>
<td>OFFICE HOURS - +44(0)1639 730481</td>
</tr>
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</table>

## 2. HAZARDS IDENTIFICATION

<table>
<thead>
<tr>
<th>CLASSIFICATION (1999/45)</th>
<th>Xn;R21/22.C: R34. R43. R52/53</th>
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</thead>
<tbody>
<tr>
<td>CLASSIFICATION (EC 1272/2008)</td>
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<tr>
<td>Physical and Chemical Hazards</td>
<td>Not classified.</td>
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<tr>
<td>Human health</td>
<td>Acute Tox. 4 -H302;Acute Tox. 4 -H332;Skin Corr. 1 B -H314;Skin Sens. 1 - H 317</td>
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<tr>
<td>Environment</td>
<td>Aquatic Chronic 3 – H412</td>
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</tbody>
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LABEL IN ACCORDANCE WITH (EC) NO. 127212008

<table>
<thead>
<tr>
<th>SIGNAL WORD</th>
<th>Danger</th>
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</thead>
<tbody>
<tr>
<td>CONTAINS</td>
<td>Blend : Aliphatic Amine, Isophorondiamine</td>
</tr>
</tbody>
</table>

| HAZARD STATEMENTS | H302         | Harmful if swallowed |
|                  | H302         | Harmful in contact with skin |
|                  | H314         | Causes severe skin burns and eye damage |
|                  | H317         | May cause an allergic reaction |
|                  | H412         | Harmful to aquatic life with long lasting effects |

| PRECAUTIONARY STATEMENTS | P280       | Wear protective gloves/protective clothing/eye protection/face protection |
|                         | P281       | Use personal protective equipment as required. |
|                         | P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
|                         | P308+313   | Get medical advice/attention |
|                         | P310       | Immediately call a POISON CENTER or doctor/physician |
|                         | P501       | Dispose of contents/container to.... |
SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P270 Do not eat, drink or smoke when using this product
P272 Contaminated work clothing should not be allowed out of the understood
P260 Do not breathe vapour/spray
P261 Avoid breathing vapour/spray
P264 Wash contaminated skin thoroughly after handling
P321 Specific treatment (see medical advice on this label
P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+352 IF ON SKIN: Wash with plenty of soup and water
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing
Rinse skin with water/shower
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position
comfortable for breathing
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P330 Rinse mouth
P333+313 If skin irritation or rash occurs: Get medical advice/attention
P363 wash contaminated clothing before reuse
P405 Store locked up

3 COMPOSITION/INFORMATION ON INGREDIENTS

MIXTURES

ALIPHATIC AMINE 10-30% CAS-No: 98-54-4
Tert – BUTYL PHENOL 10-30% CAS-No: 98-54-4
BENZYL ALCOHOL 30-50% CAS-No: 100-51-6
M-PHENYLENEBIS(METHYLAMINE) 10-30% CAS-No: 2855-13-2
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE 30-50% CAS-No: 1477-55-0
SALICYLIC ACID 1-10% CAS-No: 69-72-7

Classification (EC 1272/2008) Classification (67/548/EEC)
Skin Irrit. 2 – H315 X i:36/37/38.
Eye Irrit. 2 – H319 N :R51/53.
STOT SE 3 – H335 Aquatic Chronic 2 – H411

The Full Text for all R-Phrases and Hazard Statements is Displayed in section 16
4 FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

INHALATION
Move the exposed person to fresh air at once. Rinse nose and mouth with water. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION
DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately!

SKIN CONTACT
Remove affected person from source of contamination. Rinse the skin immediately with lots of water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT
Remove victim immediately from source of exposure. 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
Use fire-extinguishing media appropriate for surrounding materials.

UNUSUAL FIRE & EXPLOSION HAZARDS
No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS
In case of fire, toxic gases may be formed (COx, NOx).

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet. Eye contact MUST be prevented by means of suitable personal protection equipment. Use protective gloves, goggles and suitable protective clothing. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS
Do not allow to enter drains, sewers or watercourses.

METHODS AND MATERIAL FOR CONTAINMENT AND SPILL /CLEAN UP METHODS
Wear necessary protective equipment. Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers.

Do not let washing down water contaminate ponds or waterways.

7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING
Store in tightly closed original container in a dry, cool and well ventilated place. Keep in original container.

CONDITIONS FOR SAFE STORAGE
Store in tightly closed original container in a dry cool and well ventilated place – keep in original container /pack

SPECIFIC END USE(S)
Refer to product data sheet
## Exposure Controls/Personal Protection

### Ingredient Comments

WEL = Workplace Exposure Limits

### Protective Equipment

**Process Conditions** Provide eyewash station.

**Engineering Measures**

Provide adequate general and local exhaust ventilation.

**Respiratory Equipment**

If ventilation is insufficient, suitable respiratory protection must be provided. Use chemical cartridge protection with appropriate cartridge.

**Hand Protection**

Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

**Eye Protection**

Wear tight-fitting goggles or face shield.

**Other Protection**

Wear appropriate clothing to prevent any possibility of skin contact.

**Hygiene Measures**

Wash hands 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. When using do not eat, drink or smoke.

## Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Dry paste</td>
</tr>
<tr>
<td>Colour</td>
<td>Off white</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>100</td>
</tr>
<tr>
<td>Viscosity</td>
<td>n/a</td>
</tr>
</tbody>
</table>

## Stability and Reactivity

**Reactivity**

No specific reactivity hazards associated with this product.

**Chemical Stability**

Stable under normal temperature conditions.

**Conditions to Avoid**

Reacts violently with strong oxidising substances. HAZARDOUS POLYMERISATION

Will not polymerise.

**Materials to Avoid**

Strong oxidising substances. Strong acids.

**Hazardous Decomposition Products**

High temperatures generate: Vapours /Gases/Fumes (CO, CO₂) may be formed.

## Toxicological Information

**Inhalation**

May cause sensitisation by inhalation. May cause respiratory allergy.

**Ingestion**

Harmful if swallowed. May cause chemical burns in mouth and throat.
SKIN CONTACT
Causes burns. May cause allergic contact eczema. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause sensitisation by skin contact.

EYE CONTACT
Causes burns. Extreme irritation of eyes and mucous membranes, including burning and tearing.

ROUTE OF ENTRY
Inhalation. Ingestion. Skin and or Eye contact

ECOTOXICITY
- Dangerous for the environment: may cause long-term adverse effects in the aquatic environment.

TOXICITY
- No data available

PERSISTENCE and DEGRADABILITY
- No data available

BIOACCUMULATIVE POTENTIAL
- No data available on bioaccumulation

MOBILITY in SOIL
- Readily absorbed into soil

RESULTS of PBT and vPvB assessment
- This product does not contain any PBT or vPvB substances

WATER HAZARD CLASSIFICATION

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

PROPER SHIPPING NAME
AMINES, LIQUID, CORROSIVE LIQUID, N.O.S. (ALIPHATIC AMINE)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT
No

UN NO. ROAD
2735

ADR CLASS NO.
8

ADR CLASS
Class 8: Corrosive substances

ADR PACK GROUP
III

TUNNEL RESTRICTION CODE
(E)

HAZARD No. (ADR)
80

ADR LABEL NO.
8

HAZCHEM CODE
2X

UN NO.SEA
2735

IMDG CLASS
8

IMDG PACK GR
III

EMS
F-A, S-B

UN NO. AIR
2735

AIR CLASS
8

AIR PACKGR
III

SAFETY DATA SHEET ROTAFIX TM3 MOULDING MORTAR 3422 HARDENER PART B

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

RISK PHRASES IN FULL
R34 Causes burns.
R10 Flammable.
R20/22 Harmful by inhalation and if swallowed.
R22 Harmful if swallowed.
R21/22 Harmful in contact with skin and if swallowed.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R36/38 Irritating to eyes and skin.
R37 Irritating to respiratory system.
R43 May cause sensitisation by skin contact.
R62 Possible risk of impaired fertility.
R41 Risk of serious damage to eyes.

HAZARD STATEMENTS IN FULL
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H226 Flammable liquid and vapour.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H412 Harmful to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H361f Suspected of damaging fertility.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

MSDSJUNE2015/3422/B