



## SAFETY DATA SHEET NITOCOTE EP403 HARDENER

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product name** NITOCOTE EP403 HARDENER

**Product number** A1753089UK9

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified uses** Hardener component of two part epoxy system

#### 1.3. Details of the supplier of the safety data sheet

**Supplier** Fosroc International Limited  
Drayton Manor Business Park  
Coleshill Road  
Tamworth  
Staffordshire  
B78 3XN  
England  
Tel: +44 (0) 1827 262222  
Fax: +44 (0) 1827 262444  
enquiryuk@fosroc.com

#### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 1827 265 279 (Monday-Sunday 24 hours a day)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Acute Tox. 4 - H302 Skin Corr. 1A - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Repr. 2 - H361f

**Environmental hazards** Aquatic Chronic 1 - H410

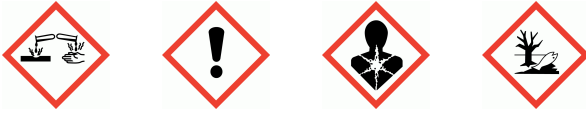
**Human health** Contains a substance/a group of substances which may impair fertility. Contains a substance/a group of substances which may damage the unborn child. May cause sensitisation by skin contact. Causes burns. Irritating to respiratory system. Harmful by inhalation and if swallowed.

**Environmental** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 2.2. Label elements

## NITOCOTE EP403 HARDENER

### Hazard pictograms



### Signal word

Danger

### Hazard statements

H302 Harmful if swallowed.  
 H314 Causes severe skin burns and eye damage.  
 H317 May cause an allergic skin reaction.  
 H361f Suspected of damaging fertility.  
 H410 Very 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.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Contains

4-TERT-BUTYLPHENOL, 1,3-BIS(AMINOMETHYL)BENZENE (MXDA), TRIMETHYLHEXANE-1,6-DIAMINE, STYRENATED PHENOL

### Supplementary precautionary statements

P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P260 Do not breathe vapour/ spray.  
 P261 Avoid breathing vapour/ spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P308+P313 IF exposed or concerned: Get medical advice/ attention.  
 P321 Specific treatment (see medical advice on this label).  
 P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P363 Wash contaminated clothing before reuse.  
 P391 Collect spillage.  
 P405 Store locked up.  
 P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

## NITOCOTE EP403 HARDENER

|   |               |
|---|---------------|
| <b>4-TERT-BUTYLPHENOL</b>   | <b>30-60%</b> |
| CAS number: 98-54-4                      EC number: 202-679-0                      REACH registration number: 01-2119489419-21-0000<br><br>M factor (Chronic) = 1<br>Substance of very high concern (SVHC). |               |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Dam. 1 - H318<br>Repr. 2 - H361f<br>Aquatic Chronic 1 - H410   |               |
| <b>TRIMETHYLHEXANE-1,6-DIAMINE</b>  | <b>10-30%</b> |
| CAS number: 25620-58-0                      EC number: 247-134-8  |               |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Skin Corr. 1B - H314<br>Eye Dam. 1 - H318<br>Skin Sens. 1 - H317<br>Aquatic Chronic 3 - H412  |               |
| <b>1,3-BIS(AMINOMETHYL)BENZENE (MXDA)</b>   | <b>10-30%</b> |
| CAS number: 1477-55-0                      REACH registration number: 01-2119480150-50-xxxx   |               |
| <b>Classification</b><br>Acute Tox. 4 - H302<br>Acute Tox. 4 - H332<br>Skin Corr. 1A - H314<br>Eye Dam. 1 - H318<br>Skin Sens. 1 - H317<br>Aquatic Chronic 3 - H412   |               |
| <b>STYRENATED PHENOL</b>  | <b>5-10%</b>  |
| CAS number: 61788-44-1                      EC number: 262-975-0                      REACH registration number: 01-2119979575-18-XXXX  |               |
| <b>Classification</b><br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>Skin Sens. 1A - H317<br>Aquatic Chronic 2 - H411  |               |

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

CAUTION! First aid personnel must be aware of own risk during rescue!

## NITOCOTE EP403 HARDENER

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.   |
| <b>Ingestion</b>    | Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Remove affected person from source of contamination. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. |
| <b>Skin contact</b> | Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.  |
| <b>Eye contact</b>  | Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.  |

### 4.2. Most important symptoms and effects, both acute and delayed

|                            |   |
|----------------------------|---|
| <b>General information</b> | The severity of the symptoms described will vary dependent on the concentration and the length of exposure.                   |
| <b>Inhalation</b>          | May cause damage to mucous membranes in nose, throat, lungs and bronchial system. Delayed, often serious, breathing problems. |
| <b>Ingestion</b>           | May cause chemical burns in mouth and throat.   |
| <b>Skin contact</b>        | Chemical burns. Corrosive to skin. May cause sensitisation by skin contact.   |
| <b>Eye contact</b>         | Corneal damage.   |

### 4.3. Indication of any immediate medical attention and special treatment needed

|                             |                        |
|-----------------------------|------------------------|
| <b>Notes for the doctor</b> | Treat symptomatically. |
|-----------------------------|------------------------|

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

|                                       |   |
|---------------------------------------|---|
| <b>Suitable extinguishing media</b>   | Use fire-extinguishing media suitable for the surrounding fire. |
| <b>Unsuitable extinguishing media</b> | None known.   |

### 5.2. Special hazards arising from the substance or mixture

|                         |   |
|-------------------------|---|
| <b>Specific hazards</b> | Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Nitrous gases (NO <sub>x</sub> ). Containers can burst violently or explode when heated, due to excessive pressure build-up. |
|-------------------------|---|

### 5.3. Advice for firefighters

|  |   |
|--|---|
| <b>Protective actions during firefighting</b>        | Control run-off water by containing and keeping it out of sewers and watercourses.                    |
| <b>Special protective equipment for firefighters</b> | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                             |  |
|-----------------------------|--|
| <b>Personal precautions</b> | Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Avoid inhalation of vapours. Avoid contact with skin and eyes. |
|-----------------------------|--|

### 6.2. Environmental precautions

## NITOCOTE EP403 HARDENER

**Environmental precautions** Avoid or minimise the creation of any environmental contamination. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Stop leak if possible without risk. DO NOT touch spilled material! Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container. Store at temperatures not exceeding 40°C.

**Storage class** Corrosive storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

#### STYRENATED PHENOL (CAS: 61788-44-1)

**DNEL** Industry - Dermal; Long term systemic effects: 0.4167 mg/kg/day  
Industry - Inhalation; Long term systemic effects: 0.7347 mg/m<sup>3</sup>

**PNEC** - Fresh water; 0.001371 mg/l  
- marine water; 0.0001371 mg/l  
- STP; 1.0638 mg/l

### 8.2. Exposure controls

#### Protective equipment



**Appropriate engineering controls** Provide adequate general and local exhaust ventilation.

**Eye/face protection** The following protection should be worn: Wear tight-fitting, chemical splash goggles or face shield.

## NITOCOTE EP403 HARDENER

|  |   |
|--|---|
| <b>Hand protection</b>                 | For exposure up to 4 hours, wear gloves made of the following material: Nitrile rubber. For exposure up to 8 hours, wear gloves made of the following material: Butyl rubber. Laminate of polyethylene and ethylene vinyl alcohol (PE/EVOH). It should be noted that liquid may penetrate the gloves. Frequent changes are recommended. |
| <b>Other skin and body protection</b>  | Wear apron or protective clothing in case of contact.   |
| <b>Hygiene measures</b>                | 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 with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.     |
| <b>Respiratory protection</b>          | If ventilation is inadequate, suitable respiratory protection must be worn.   |
| <b>Environmental exposure controls</b> | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.                    |

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

|   |                                   |
|---|-----------------------------------|
| <b>Appearance</b>                                   | Liquid.                           |
| <b>Colour</b>                                       | Yellow-Brown                      |
| <b>Odour</b>  | Amine.                            |
| <b>Odour threshold</b>                              | Not determined.                   |
| <b>pH</b>   | pH (diluted solution): 12 50% w/w |
| <b>Melting point</b>                                | Not determined.                   |
| <b>Initial boiling point and range</b>              | >200°C @ 1 atm                    |
| <b>Flash point</b>                                  | 130°C Pensky-Martens closed cup.  |
| <b>Evaporation rate</b>                             | Not determined.                   |
| <b>Evaporation factor</b>                           | Not determined.                   |
| <b>Flammability (solid, gas)</b>                    | Not applicable.                   |
| <b>Upper/lower flammability or explosive limits</b> | Not determined.                   |
| <b>Vapour pressure</b>                              | Not determined.                   |
| <b>Vapour density</b>                               | Not determined.                   |
| <b>Relative density</b>                             | 1.0 @ 20°C                        |
| <b>Bulk density</b>                                 | Not applicable.                   |
| <b>Solubility(ies)</b>                              | Miscible with water.              |
| <b>Partition coefficient</b>                        | Not determined.                   |
| <b>Auto-ignition temperature</b>                    | Not determined.                   |
| <b>Decomposition Temperature</b>                    | Not determined.                   |
| <b>Viscosity</b>                                    | 400 - 600 mPa s @ at 25°C         |

## NITOCOTE EP403 HARDENER

|   |   |
|---|---|
| <b>Explosive properties</b>                     | Not considered to be explosive.                             |
| <b>Explosive under the influence of a flame</b> | Not considered to be explosive.                             |
| <b>Oxidising properties</b>                     | Does not meet the criteria for classification as oxidising. |

### 9.2. Other information

|                          |                    |
|--------------------------|--------------------|
| <b>Other information</b> | No data available. |
|--------------------------|--------------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | There are no known reactivity hazards associated with this product. |
|-------------------|---|

### 10.2. Chemical stability

|                  |  |
|------------------|--|
| <b>Stability</b> | Stable at normal ambient temperatures. |
|------------------|--|

### 10.3. Possibility of hazardous reactions

|   |   |
|---|---|
| <b>Possibility of hazardous reactions</b> | Under normal conditions of storage and use, no hazardous reactions will occur. Will not polymerise. |
|---|---|

### 10.4. Conditions to avoid

|                            |   |
|----------------------------|---|
| <b>Conditions to avoid</b> | There are no known conditions that are likely to result in a hazardous situation. |
|----------------------------|---|

### 10.5. Incompatible materials

|                           |   |
|---------------------------|---|
| <b>Materials to avoid</b> | Strong acids. Alkalis - organic. Strong oxidising agents. |
|---------------------------|---|

### 10.6. Hazardous decomposition products

|   |  |
|---|--|
| <b>Hazardous decomposition products</b> | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen. |
|---|--|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

|  |         |
|--|---------|
| <b>Acute toxicity oral (LD<sub>50</sub> mg/kg)</b> | 1,300.0 |
|--|---------|

|                |     |
|----------------|-----|
| <b>Species</b> | Rat |
|----------------|-----|

|                         |         |
|-------------------------|---------|
| <b>ATE oral (mg/kg)</b> | 1,300.7 |
|-------------------------|---------|

#### Acute toxicity - inhalation

|  |      |
|--|------|
| <b>ATE inhalation (dusts/mists mg/l)</b> | 5.36 |
|--|------|

#### Skin sensitisation

|                           |              |
|---------------------------|--------------|
| <b>Skin sensitisation</b> | Sensitising. |
|---------------------------|--------------|

|                   |  |
|-------------------|--|
| <b>Inhalation</b> | Harmful by inhalation. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. |
|-------------------|--|

|                  |  |
|------------------|--|
| <b>Ingestion</b> | Harmful if swallowed. May cause chemical burns in mouth, oesophagus and stomach. |
|------------------|--|

|                     |   |
|---------------------|---|
| <b>Skin contact</b> | Causes burns. Corrosive to skin. May cause sensitisation by skin contact. |
|---------------------|---|

|                    |               |
|--------------------|---------------|
| <b>Eye contact</b> | Causes burns. |
|--------------------|---------------|

## NITOCOTE EP403 HARDENER

**Acute and chronic health hazards** p-tertiarybutyl phenol can cause a cosmetic effect known as "occupational vitiligo" or leucoderma. It is believed that repeated contact with this substance can lead to this depigmentation of the skin in sensitive individuals.

**Target organs** Skin Eyes Respiratory system, lungs

### Toxicological information on ingredients.

#### 1,3-BIS(AMINOMETHYL)BENZENE (MXDA)

##### Acute toxicity - oral

Acute toxicity oral (LD<sub>50</sub> mg/kg) 930.0

Species Rat

ATE oral (mg/kg) 930.0

##### Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> mg/kg) 3,100.0

Species Rat

##### Acute toxicity - inhalation

Acute toxicity inhalation (LC<sub>50</sub> dust/mist mg/l) 1.34

Species Rat

ATE inhalation (dusts/mists mg/l) 1.34

##### Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Sensitising.

##### Germ cell mutagenicity

Genotoxicity - in vitro Gene mutation:: Negative.

##### Carcinogenicity

Carcinogenicity NOAEL 150 mg/kg, Oral, Rat

### SECTION 12: Ecological information

**Ecotoxicity** The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

#### 12.1. Toxicity

**Toxicity** May cause long-term adverse effects in the aquatic environment.

### Ecological information on ingredients.

#### 4-TERT-BUTYLPHENOL

##### Chronic aquatic toxicity

M factor (Chronic) 1

#### 1,3-BIS(AMINOMETHYL)BENZENE (MXDA)

##### Acute aquatic toxicity



## NITOCOTE EP403 HARDENER

|   |  |
|---|--|
| <b>Acute toxicity - fish</b>                  | LC <sub>50</sub> , 96 hours: 87.6 mg/l, Fish                 |
| <b>Acute toxicity - aquatic invertebrates</b> | EC <sub>50</sub> , 48 hours: 15.2 mg/l, Daphnia magna        |
| <b>Acute toxicity - aquatic plants</b>        | EC <sub>50</sub> , 72 hours: 20.3 mg/l, Freshwater algae     |
| <b>Acute toxicity - microorganisms</b>        | EC <sub>50</sub> , 30 minutes: > 1000 mg/l, Activated sludge |

### 12.2. Persistence and degradability

**Persistence and degradability** The product is not expected to be biodegradable.

### Ecological information on ingredients.

#### 1,3-BIS(AMINOMETHYL)BENZENE (MXDA)

**Biodegradation** - 49%: 28 days

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** Not expected to be bioaccumulative.

**Partition coefficient** Not determined.

### Ecological information on ingredients.

#### 1,3-BIS(AMINOMETHYL)BENZENE (MXDA)

**Bioaccumulative potential** BCF: < 0.3,

**Partition coefficient** log Pow: 0.18

### 12.4. Mobility in soil

**Mobility** The product is miscible with water. May spread in water systems.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** When handling waste, the safety precautions applying to handling of the product should be considered. Waste is classified as hazardous waste.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Avoid the spillage or runoff entering drains, sewers or watercourses. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

**Waste class** The waste code classification is to be carried out according to the European Waste Catalogue (EWC).

## SECTION 14: Transport information

### 14.1. UN number

## NITOCOTE EP403 HARDENER

|                  |      |
|------------------|------|
| UN No. (ADR/RID) | 2735 |
| UN No. (IMDG)    | 2735 |
| UN No. (ICAO)    | 2735 |
| UN No. (ADN)     | 2735 |

### 14.2. UN proper shipping name

|                                       |  |
|---------------------------------------|--|
| <b>Proper shipping name (ADR/RID)</b> | AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS 1,3-BIS(AMINOMETHYL)BENZENE (MXDA), 4-TERT-BUTYLPHENOL)                    |
| <b>Proper shipping name (IMDG)</b>    | AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS 1,3-BIS(AMINOMETHYL)BENZENE (MXDA), 4-TERT-BUTYLPHENOL, STYRENATED PHENOL) |
| <b>Proper shipping name (ICAO)</b>    | AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS 1,3-BIS(AMINOMETHYL)BENZENE (MXDA), 4-TERT-BUTYLPHENOL)                    |
| <b>Proper shipping name (ADN)</b>     | AMINES, LIQUID, CORROSIVE, N.O.S. (CONTAINS 1,3-BIS(AMINOMETHYL)BENZENE (MXDA), 4-TERT-BUTYLPHENOL)                    |

### 14.3. Transport hazard class(es)

|                             |    |
|-----------------------------|----|
| ADR/RID class               | 8  |
| ADR/RID classification code | C7 |
| ADR/RID label               | 8  |
| IMDG class                  | 8  |
| ICAO class/division         | 8  |
| ADN class                   | 8  |

#### Transport labels



### 14.4. Packing group

|                       |   |
|-----------------------|---|
| ADR/RID packing group | I |
| IMDG packing group    | I |
| ICAO packing group    | I |
| ADN packing group     | I |

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



### 14.6. Special precautions for user

|                             |             |
|-----------------------------|-------------|
| IMDG Code segregation group | 18. Alkalis |
| EmS                         | F-A, S-B    |
| ADR transport category      | 1           |

## NITOCOTE EP403 HARDENER

**Emergency Action Code** 2X

**Hazard Identification Number (ADR/RID)** 88

**Tunnel restriction code** (E)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

### **SECTION 15: Regulatory information**

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**National regulations** Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation** Commission Regulation (EU) No 453/2010 of 20 May 2010.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**Guidance** Workplace Exposure Limits EH40.  
Approved Classification and Labelling Guide (Sixth edition) L131.  
Respiratory protective equipment at work (HSG53).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### **SECTION 16: Other information**

**General information** Only trained personnel should use this material. For professional users only.

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Revision date** 18/09/2020

**Revision** 5b

**Supersedes date** 25/05/2017

**SDS number** 12322

**Hazard statements in full** H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H361f Suspected of damaging fertility.  
H410 Very toxic to aquatic life with long lasting effects.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

## NITOCOTE EP403 HARDENER

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.