

SAFETY DATA SHEET

NITOMORTAR PE CONCRETE FILLER

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

1.1. Product identifier

Product name NITOMORTAR PE CONCRETE FILLER

Product number A1922023UK9

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

Identified uses Filler component of two-part polyester resin grout.

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

Emergency telephone +44 (0) 1827 265 279 (08.30 to 17.00hrs Mon - Thu; 08.30 to 16.00hrs Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) R43.

Human health Dust may irritate the eyes and the respiratory system. May cause skin sensitisation or allergic reactions in sensitive individuals.

2.2. Label elements

Pictogram



Signal word Warning

NITOMORTAR PE CONCRETE FILLER

Hazard statements	H317 May cause an allergic skin reaction. H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary statements	P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/container in accordance with national regulations.
Contains	BENZOYL PEROXIDE
Supplementary precautionary statements	P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.

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

SILICA SAND	60-100%
CAS number: 14808-60-7	EC number: 238-878-4
Classification	Classification (67/548/EEC or 1999/45/EC)
Not Classified	-
SLATE POWDER	10-30%
CAS number: —	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	-
Eye Irrit. 2 - H319	
STOT SE 3 - H335	
BENZOYL PEROXIDE	1-5%
CAS number: 94-36-0	EC number: 202-327-6
Classification	Classification (67/548/EEC or 1999/45/EC)
Org. Perox. B - H241	E;R3 O;R7 Xi;R36 R43
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	

NITOMORTAR PE CONCRETE FILLER

TITANIUM DIOXIDE		<1%
CAS number: 13463-67-7	EC number: 236-675-5	REACH registration number: 01-2119489379-17-0000
Classification	Classification (67/548/EEC or 1999/45/EC)	
Not Classified	-	

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	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
Ingestion	Get medical attention. Never give anything by mouth to an unconscious person. Do not induce vomiting.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation	Dust may irritate the respiratory system.
Skin contact	May cause sensitisation by skin contact.
Eye contact	Irritation of eyes and mucous membranes.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Halon. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	If involved in a fire, it contains a component that will support combustion.
Hazardous combustion products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting	Risk of re-ignition after fire has been extinguished.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

NITOMORTAR PE CONCRETE FILLER

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. No smoking, sparks, flames or other sources of ignition near spillage. Avoid generation and spreading of dust. Dampen spillage with water. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Do not close container tightly. Risk of excess pressure build-up.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Eliminate all sources of ignition. Avoid inhalation of dust. Avoid generation and spreading of dust. Contaminated clothing and shoes must be discarded.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep separate from food, feedstuffs, fertilisers and other sensitive material. Keep only in the original container. Keep container dry. Store out of direct sunlight. Store at temperatures not exceeding 25°C. Isolate from other materials.

Storage class Oxidiser 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

Occupational exposure limits

SILICA SAND

Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m³ Respirable crystalline silica

BENZOYL PEROXIDE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): WEL

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

WEL = Workplace Exposure Limit

BENZOYL PEROXIDE (CAS: 94-36-0)

DNEL

Industry - Inhalation; Long term systemic effects: 11.75 mg/m³

Industry - Dermal; Long term systemic effects: 6.6 mg/m³

NITOMORTAR PE CONCRETE FILLER

PNEC	- Fresh water; 0.000602 mg/l
	- Marine water; 0.000602 mg/l
	- Intermittent release; .000602 mg/l
	- STP; 0.35 mg/l
	- Sediment (Freshwater); 0.338 mg/kg
	- Soil; 0.0758 mg/kg

TITANIUM DIOXIDE (CAS: 13463-67-7)

DNEL	Industry - Inhalation; Long term : 10 mg/m ³
	Consumer - Oral; Long term : 700 mg/kg/day

PNEC	- Fresh water; >1 mg/l
	- Marine water; 0.127 mg/l
	- Soil; 100 mg/kg
	- STP; 100 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station and safety shower. Promptly remove any clothing that becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P1.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Dusty powder.
Colour	Grey. Off-white
Odour	Odourless.
Odour threshold	Not determined.
pH	Not applicable.
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not applicable.

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Evaporation rate	Not applicable.
Flammability (solid, gas)	Decomposition products may be flammable.
Vapour pressure	Not applicable.
Bulk density	1.4 - 1.7 kg/l
Solubility(ies)	Insoluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	>380°C
Explosive properties	Not applicable.
Oxidising properties	Not determined.

9.2. Other information

Other information Not available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The reactivity data for this product will be typical of those for the following class of materials: Peroxides.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended. The product may not be stable under some conditions of storage or use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid heat.

10.5. Incompatible materials

Materials to avoid Strong alkalis. Acids Iron Copper. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO₂). Benzoic acid.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information	No specific health hazards known.
Skin contact	May cause sensitisation by skin contact. Powder may irritate skin.
Eye contact	Irritating to eyes.

Toxicological information on ingredients.

BENZOYL PEROXIDE

Acute toxicity - oral

NITOMORTAR PE CONCRETE FILLER

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 24.3

Species Rat

ATE inhalation (dusts/mists mg/l) 24.3

Carcinogenicity

Carcinogenicity NOAEL 500 mg/kg/day, Oral,

TITANIUM DIOXIDE

Acute toxicity - inhalation

Notes (inhalation LC₅₀) LC₅₀ >6.82 mg/l, Inhalation, Rat

Skin corrosion/irritation

Animal data Not irritating.

Skin sensitisation

Skin sensitisation - Guinea pig: Not sensitising.

Carcinogenicity

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological Information

Ecotoxicity The product is not expected to be toxic to aquatic organisms.

12.1. Toxicity

Ecological information on ingredients.

BENZOYL PEROXIDE

Acute toxicity - fish LC₅₀, 96 hours: 0.06 mg/l, Fish

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 0.11 mg/l, Daphnia magna

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Acute toxicity - aquatic plants IC₅₀, 72 hours: 0.06 mg/l, Algae

Acute toxicity - microorganisms , : 35 mg/l, Activated sludge

TITANIUM DIOXIDE

Acute toxicity - fish LC50, 96 hours, 96 hours: > 10000 mg/l,

12.2. Persistence and degradability

Ecological information on ingredients.

BENZOYL PEROXIDE

Persistence and degradability The product is biodegradable.

12.3. Bioaccumulative potential

Partition coefficient Not determined.

Ecological information on ingredients.

BENZOYL PEROXIDE

Bioaccumulative potential BCF: 66.6,

TITANIUM DIOXIDE

Bioaccumulative potential The product is not bioaccumulating.

12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information 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.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

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14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

National regulations	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
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.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	06/07/2015
Revision	5
SDS number	12188

NITOMORTAR PE CONCRETE FILLER

Risk phrases in full

NC Not classified.
R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.
R36 Irritating to eyes.
R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.
R7 May cause fire.

Hazard statements in full

H241 Heating may cause a fire or explosion.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

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.

SAFETY DATA SHEET NITOMORTAR PE FILLER

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

1.1. Product identifier

Product name NITOMORTAR PE FILLER

Product number A1922103UK9

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

Identified uses Filler component of two-part polyester resin grout.

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

Emergency telephone +44 (0) 1827 265 279 (08.30 to 17.00hrs Mon - Thu; 08.30 to 16.00hrs Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) R43.

Human health Dust may irritate the eyes and the respiratory system. May cause skin sensitisation or allergic reactions in sensitive individuals.

2.2. Label elements

Pictogram



Signal word

Warning

NITOMORTAR PE FILLER

Hazard statements	H317 May cause an allergic skin reaction. H315 Causes skin irritation. H319 Causes serious eye irritation.
Precautionary statements	P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P501 Dispose of contents/container in accordance with national regulations.
Contains	BENZOYL PEROXIDE
Supplementary precautionary statements	P261 Avoid breathing vapour/spray. P264 Wash contaminated skin thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse.

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

SILICA SAND	60-100%
CAS number: 14808-60-7	EC number: 238-878-4
Classification	Classification (67/548/EEC or 1999/45/EC)
Not Classified	-
SLATE POWDER	10-30%
CAS number: —	
Classification	Classification (67/548/EEC or 1999/45/EC)
Skin Irrit. 2 - H315	-
Eye Irrit. 2 - H319	
STOT SE 3 - H335	
BENZOYL PEROXIDE	1-5%
CAS number: 94-36-0	EC number: 202-327-6
Classification	Classification (67/548/EEC or 1999/45/EC)
Org. Perox. B - H241	E;R3 O;R7 Xi;R36 R43
Eye Irrit. 2 - H319	
Skin Sens. 1 - H317	

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TITANIUM DIOXIDE	<1%
CAS number: 13463-67-7	EC number: 236-675-5
Classification	Classification (67/548/EEC or 1999/45/EC)
Not Classified	-

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	Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
Ingestion	Get medical attention. Never give anything by mouth to an unconscious person. Do not induce vomiting.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation	Dust may irritate the respiratory system.
Skin contact	May cause sensitisation by skin contact.
Eye contact	Irritation of eyes and mucous membranes.

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

Notes for the doctor	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Halon. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	If involved in a fire, it contains a component that will support combustion.
Hazardous combustion products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting	Risk of re-ignition after fire has been extinguished.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

NITOMORTAR PE FILLER

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. No smoking, sparks, flames or other sources of ignition near spillage. Avoid generation and spreading of dust. Dampen spillage with water. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Do not close container tightly. Risk of excess pressure build-up.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Eliminate all sources of ignition. Avoid inhalation of dust. Avoid generation and spreading of dust. Contaminated clothing and shoes must be discarded.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep separate from food, feedstuffs, fertilisers and other sensitive material. Keep only in the original container. Keep container dry. Store out of direct sunlight. Store at temperatures not exceeding 25°C. Isolate from other materials.

Storage class Oxidiser 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

Occupational exposure limits

SILICA SAND

Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m³ Respirable crystalline silica

BENZOYL PEROXIDE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): WEL

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³

WEL = Workplace Exposure Limit

BENZOYL PEROXIDE (CAS: 94-36-0)

DNEL

Industry - Inhalation; Long term systemic effects: 11.75 mg/m³

Industry - Dermal; Long term systemic effects: 6.6 mg/m³

NITOMORTAR PE FILLER

PNEC	- Fresh water; 0.000602 mg/l
	- Marine water; 0.000602 mg/l
	- Intermittent release; .000602 mg/l
	- STP; 0.35 mg/l
	- Sediment (Freshwater); 0.338 mg/kg
	- Soil; 0.0758 mg/kg

TITANIUM DIOXIDE (CAS: 13463-67-7)

DNEL	Industry - Inhalation; Long term local effects: 10 mg/m ³
	Consumer - Oral; Long term systemic effects: 700 mg/kg/day
PNEC	- Fresh water; 0.127 mg/l
	- Sediment (Freshwater); >=1000 mg/kg
	- Marine water; 1 mg/l
	- Sediment (Marinewater); >= 100 mg/kg
	- Soil; 100 mg/kg
	- STP; 100 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of dust. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Provide eyewash station and safety shower. Promptly remove any clothing that becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. This product contains silica sands. The grain size distribution of silica sand present means that it is not classified as hazardous. However, any respirable crystalline dust generated by secondary processing may cause health effects. Prolonged and /or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust should be monitored and controlled

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P1.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Dusty powder.
Colour	Grey. Off-white

NITOMORTAR PE FILLER

Odour	Odourless.
Odour threshold	Not determined.
pH	Not applicable.
Melting point	Not determined.
Initial boiling point and range	Not determined.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Flammability (solid, gas)	Decomposition products may be flammable.
Vapour pressure	Not applicable.
Bulk density	1.4 - 1.7 kg/l
Solubility(ies)	Insoluble in water.
Partition coefficient	Not determined.
Auto-ignition temperature	>380°C
Explosive properties	Not applicable.
Oxidising properties	Not determined.

9.2. Other information

Other information	Not available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The reactivity data for this product will be typical of those for the following class of materials: Peroxides.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended. The product may not be stable under some conditions of storage or use.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Will not polymerise.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat.
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10.5. Incompatible materials

Materials to avoid	Strong alkalis. Acids Iron Copper. Strong acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Thermal decomposition or combustion products may include the following substances: Carbon monoxide (CO). Carbon dioxide (CO ₂). Benzoic acid.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

NITOMORTAR PE FILLER

General information	No specific health hazards known.
Skin contact	May cause sensitisation by skin contact. Powder may irritate skin.
Eye contact	Irritating to eyes.

Toxicological information on ingredients.

BENZOYL PEROXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 24.3

Species Rat

ATE inhalation (dusts/mists mg/l) 24.3

Carcinogenicity

Carcinogenicity NOAEL 500 mg/kg/day, Oral,

TITANIUM DIOXIDE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 6.82

Species Rat

ATE inhalation (dusts/mists mg/l) 6.82

Skin corrosion/irritation

Animal data Not irritating.

Skin sensitisation

Skin sensitisation Local Lymph Node Assay (LLNA) - Mouse: Not sensitising.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

NITOMORTAR PE FILLER

Aspiration hazard

Aspiration hazard

Based on available data the classification criteria are not met.

SECTION 12: Ecological Information

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1. Toxicity

Ecological information on ingredients.

BENZOYL PEROXIDE

Acute toxicity - fish	LC ₅₀ , 96 hours: 0.06 mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: 0.11 mg/l, Daphnia magna
Acute toxicity - aquatic plants	IC ₅₀ , 72 hours: 0.06 mg/l, Algae
Acute toxicity - microorganisms	, : 35 mg/l, Activated sludge

TITANIUM DIOXIDE

Acute toxicity - fish	LC ₅₀ , 96 hours: >1000 mg/l mg/l, Fish
Acute toxicity - aquatic invertebrates	EC ₅₀ , 48 hours: >100 mg/l mg/l, Daphnia magna

12.2. Persistence and degradability

Ecological information on ingredients.

BENZOYL PEROXIDE

Persistence and degradability	The product is biodegradable.
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12.3. Bioaccumulative potential

Partition coefficient	Not determined.
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Ecological information on ingredients.

BENZOYL PEROXIDE

Bioaccumulative potential	BCF: 66.6,
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TITANIUM DIOXIDE

Bioaccumulative potential	The product is not bioaccumulating.
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12.4. Mobility in soil

Mobility	The product is insoluble in water.
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12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	This substance is not classified as PBT or vPvB according to current EU criteria.
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12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information 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.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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).

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Guidance Workplace Exposure Limits EH40.
Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	22/06/2015
Revision	5
Risk phrases in full	NC Not classified. R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition. R36 Irritating to eyes. R36/37/38 Irritating to eyes, respiratory system and skin. R43 May cause sensitisation by skin contact. R7 May cause fire.
Hazard statements in full	H241 Heating may cause a fire or explosion. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H335 May cause respiratory irritation.

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.

SAFETY DATA SHEET NITOMORTAR PE RESINS

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

1.1. Product identifier

Product name NITOMORTAR PE RESINS
Product number A1922180UK9,A1922200UK9

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

Identified uses Grout and anchors

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

Emergency telephone +44 (0) 1827 265 279 (08.30 to 17.00hrs Mon - Thu; 08.30 to 16.00hrs Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Flam. Liq. 3 - H226
Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Elicitation - EUH208 Repr. 2 - H361d STOT RE 1 - H372
Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn;R20. Xi;R36/38. R10.

Human health The product is irritating to eyes and skin. Harmful by inhalation. May cause an allergic reaction.

Physicochemical Vapours may form explosive mixtures with air.

2.2. Label elements

Pictogram



Signal word

Danger

NITOMORTAR PE RESINS

Hazard statements	<p>EUH208 Contains COBALT OCTOATE. May produce an allergic reaction. H372 Causes damage to organs through prolonged or repeated exposure. H226 Flammable liquid and vapour. H361d Suspected of damaging the unborn child. H315 Causes skin irritation. H319 Causes serious eye irritation.</p>
Precautionary statements	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P260 Do not breathe vapour/spray. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/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. P501 Dispose of contents/container in accordance with national regulations.</p>
Contains	<p>STYRENE</p>
Supplementary precautionary statements	<p>P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P308+P313 IF exposed or concerned: Get medical advice/attention. P314 Get medical advice/attention if you feel unwell. P321 Specific treatment (see medical advice on this label). P332+P313 If skin irritation occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P362+P364 Take off contaminated clothing and wash it before reuse. P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P235 Store in a well-ventilated place. Keep cool. P405 Store locked up.</p>

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria. Polymerises when heated.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

STYRENE	30-60%
CAS number: 100-42-5	EC number: 202-851-5
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361d STOT RE 1 - H372	

NITOMORTAR PE RESINS

COBALT OCTOATE CAS number: 136-52-7 M factor (Acute) = 1	<1%
Classification Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Repr. 2 - H361 Aquatic Acute 1 - H400 Aquatic Chronic 3 - H412	

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

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	DO NOT induce vomiting. Get medical attention immediately. Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove affected person from source of contamination. Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Vapours may cause drowsiness and dizziness. Headache.
Ingestion	May cause discomfort if swallowed.
Skin contact	Skin irritation. Allergic rash.
Eye contact	Irritation of eyes and mucous membranes.

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

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazardous combustion products	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.

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5.3. Advice for firefighters

Protective actions during firefighting Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters 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

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment. Collect and dispose of spillage as indicated in Section 13.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up No smoking, sparks, flames or other sources of ignition near spillage. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Mechanical ventilation or local exhaust ventilation may be required. Avoid inhalation of vapours/spray and contact with skin and eyes. Static electricity and formation of sparks must be prevented. Do not eat, drink or smoke when using the product.

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. Store in closed original container at temperatures between 5°C and 30°C. Keep away from heat, sparks and open flame. Unsuitable containers: copper, zinc, aluminium, copper alloy, zinc alloy, aluminium alloy. May attack some plastics, rubber and coatings.

Storage class Chemical storage. Flammable liquid 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

Occupational exposure limits

STYRENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 430 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 1080 mg/m³

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

STYRENE (CAS: 100-42-5)

NITOMORTAR PE RESINS

DNEL

Workers - Inhalation; Long term systemic effects: 85 mg/m³

Workers - Inhalation; Short term : 289 mg/m³

Workers - Dermal; Long term systemic effects: 406 mg/kg/day

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Neoprene.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke. Do not smoke in work area.

Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a respirator fitted with the following cartridge: Organic vapour filter.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Amber. Dark.
Odour	Pungent, characteristic of styrene.
Odour threshold	Not determined.
Initial boiling point and range	145°C @ 1 atm
Flash point	31°C
Evaporation rate	Not determined.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Upper flammable/explosive limit: 6.1 Lower flammable/explosive limit: 1.1
Vapour pressure	652 Pa @ 20°C
Vapour density	Not determined.
Relative density	1.1 @ 25°C
Solubility(ies)	Insoluble in water. Soluble in the following materials: Organic solvents.
Auto-ignition temperature	490°C

NITOMORTAR PE RESINS

Viscosity	300 - 500 mPa s @ at 25°C
Explosive properties	Not considered to be explosive.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	Not available.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not known. Polymerises easily with evolution of heat. Avoid heat. Avoid contact with peroxides. Radical formers.
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10.4. Conditions to avoid

Conditions to avoid	Avoid heat, flames and other sources of ignition. Protect against direct sunlight.
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10.5. Incompatible materials

Materials to avoid	Strong oxidising agents. Catalyst. Peroxides.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Fire creates: Carbon monoxide (CO). Carbon dioxide (CO ₂).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Oral LD50, rat >5000 mg/kg.
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Acute toxicity - inhalation

ATE inhalation (vapours mg/l)	26.22
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Inhalation	Harmful by inhalation. Vapours may irritate throat/respiratory system. Symptoms following overexposure may include the following: Headache. Dizziness. Drowsiness.
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Ingestion	No specific health hazards known.
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Skin contact	Irritating to skin.
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Eye contact	Irritating to eyes.
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Acute and chronic health hazards	May cause an allergic reaction.
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Route of entry	Skin and/or eye contact
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Toxicological information on ingredients.

NITOMORTAR PE RESINS

STYRENE

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

ATE oral (mg/kg) 5,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,000.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 11.8

Species Rat

ATE inhalation (vapours mg/l) 11.8

Skin corrosion/irritation

Extreme pH Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Skin sensitisation

Skin sensitisation Not sensitising.

Carcinogenicity

Carcinogenicity Found to produce lung tumours in mice. These tumours are not considered relevant to humans.

IARC carcinogenicity IARC Group 2B Possibly carcinogenic to humans.

Reproductive toxicity

Reproductive toxicity - development Known reproductive toxicant based on animal evidence.

Specific target organ toxicity - single exposure

STOT - single exposure May cause respiratory irritation.

Target organs Respiratory system, lungs

Specific target organ toxicity - repeated exposure

Target organs Liver Respiratory system, lungs Central nervous system

Aspiration hazard

Aspiration hazard Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

NITOMORTAR PE RESINS

SECTION 12: Ecological Information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity Expected to be ecotoxic to fish/daphnia/algae.

Ecological information on ingredients.

STYRENE

Acute toxicity - fish	LC50, 96 hours: 13.09 mg/l, Fish
Acute toxicity - aquatic invertebrates	LC ₅₀ , 48 hours: 8.428 mg/l, Daphnia magna
Acute toxicity - aquatic plants	EC ₅₀ , 96 hours: 5.901 mg/l, Algae

COBALT OCTOATE

<u>Acute aquatic toxicity</u>	
LE(C)₅₀	0.1 < L(E)C50 ≤ 1
M factor (Acute)	1

12.2. Persistence and degradability

Persistence and degradability The product is readily biodegradable.

Ecological information on ingredients.

STYRENE

Persistence and degradability	The product is biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

STYRENE

Bioaccumulative potential	Not expected to be bioaccumulative
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12.4. Mobility in soil

Mobility The product is insoluble in water. The product contains organic solvents which will evaporate easily from all surfaces.

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 Not relevant.

SECTION 13: Disposal considerations

NITOMORTAR PE RESINS

13.1. Waste treatment methods

General information	Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor. Waste material and any included combustible absorbent and containers should be suitable for incineration at an approved facility. Note that fully cured material is not considered as hazardous waste.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	1866
UN No. (IMDG)	1866
UN No. (ICAO)	1866
UN No. (ADN)	1866

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	RESIN SOLUTION
Proper shipping name (IMDG)	RESIN SOLUTION
Proper shipping name (ICAO)	RESIN SOLUTION
Proper shipping name (ADN)	RESIN SOLUTION

14.3. Transport hazard class(es)

ADR/RID class	3
ADR/RID classification code	F1
ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

14.5. Environmental hazards

NITOMORTAR PE RESINS

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 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	The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (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. Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	31/05/2015
Revision	4
SDS number	12899
Risk phrases in full	R10 Flammable. R20 Harmful by inhalation. R36/38 Irritating to eyes and skin. R38 Irritating to skin. R43 May cause sensitisation by skin contact.

NITOMORTAR PE RESINS

Hazard statements in full

EUH208 Contains COBALT OCTOATE. May produce an allergic reaction.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H361 Suspected of damaging fertility or the unborn child.
H361d Suspected of damaging the unborn child.
H372 Causes damage to organs through prolonged or repeated exposure.
H372 Causes damage to organs (Hearing organs) through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H412 Harmful to aquatic life with long lasting effects.

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.