



SAFETY DATA SHEET NITOKIT SURFACE SEALANT FILLER

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name NITOKIT SURFACE SEALANT FILLER
Product No. M1906003UK9

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

Identified uses Hardener and filler component of two-part protective coating.

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

+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 (1999/45/EEC) Xi;R36/37/38. R43.

Human health

The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals. The liquid may irritate the skin, the eyes and the respiratory tract.

Environment

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

2.2. Label elements

Contains BENZOYL PEROXIDE

Labelling



Irritant

Risk Phrases

R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.

Safety Phrases

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

NITOKIT SURFACE SEALANT FILLER

S37 Wear suitable gloves.
S51 Use only in well-ventilated areas.
S60 This material and its container must be disposed of as hazardous waste.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

TALC	10-30%
CAS-No.: 14807-96-6	EC No.:
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Not classified.
BENZOYL PEROXIDE	1-5%
CAS-No.: 94-36-0	EC No.: 202-327-6
Classification (EC 1272/2008) Org. Perox. B - H241 Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) E;R3 O;R7 Xi;R36 R43

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 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. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

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

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation

Irritating to respiratory system.

Ingestion

May cause discomfort if swallowed.

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Skin contact

May cause sensitisation by skin contact. Irritating to skin.

Eye contact

Irritating to eyes.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

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 will spread the fire. Halon.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

None under normal conditions.

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

If involved in a fire, it contains a component that will support combustion.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water. Do not contaminate water sources or sewer.

6.4. 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

Avoid inhalation of dust and contact with skin and eyes. Observe occupational exposure limits and minimise the risk of inhalation of dust.

7.2. Conditions for safe storage, including any incompatibilities

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

Storage Class

Chemical storage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

NITOKIT SURFACE SEALANT FILLER

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
BENZOYL PEROXIDE	WEL		5 mg/m ³			
TALC	WEL				2 mg/m ³	

WEL = Workplace Exposure Limit.

BENZOYL PEROXIDE (CAS: 94-36-0)

DNEL

Industry	Inhalation.	Long Term	Systemic Effects	11.75 mg/m ³
Industry	Dermal	Long Term	Systemic Effects	6.6 mg/m ³

PNEC

Freshwater	0.000602	mg/l
Marinewater	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

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash station.

Engineering measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

Respiratory equipment

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

Hand protection

Use suitable protective gloves if risk of skin contact. PVC gloves are recommended.

Eye protection

Wear dust resistant safety goggles where there is danger of eye contact.

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.

Skin protection

Wear apron or protective clothing in case of contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Powder
<u>Colour</u>	Grey/off white
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	0.5 (bulk) 20
<u>pH-Value, Diluted Solution</u>	>12

NITOKIT SURFACE SEALANT FILLER

9.2. Other information

None.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with: Acrylates.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not known.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Water, moisture.

10.5. Incompatible materials

Materials To Avoid

Acids Bases Organic peroxides/hydroperoxides. Strong reducing agents. Iron Copper alloys.

10.6. Hazardous decomposition products

None under normal conditions. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂). Benzene. Benzoic acid.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Dust may irritate throat and respiratory system and cause coughing.

Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

Powder may irritate skin. Prolonged or repeated exposure may cause severe irritation. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact. Prolonged contact with wet cement/mixture may cause burns.

Eye contact

Irritating to eyes. May cause severe irritation to eyes.

Toxicological information on ingredients.

BENZOYL PEROXIDE (CAS: 94-36-0)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg Rat

Acute Toxicity (Inhalation LC50)

> 24.3 mg/l (dust/mist) Rat

Carcinogenicity:

NOAEL 500 mg/kg/day Oral

SECTION 12: ECOLOGICAL INFORMATION

NITOKIT SURFACE SEALANT FILLER

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

Ecological information on ingredients.

BENZOYL PEROXIDE (CAS: 94-36-0)

LC 50, 96 Hrs, Fish mg/l

0.06

EC 50, 48 Hrs, Daphnia, mg/l

0.11

IC 50, 72 Hrs, Algae, mg/l

0.06

35 mg/l Activated sludge

12.2. Persistence and degradability

Degradability

This product mainly consists of inorganic compounds which are not biodegradable. The remaining compounds of the product are expected to be easily biodegradable.

Ecological information on ingredients.

BENZOYL PEROXIDE (CAS: 94-36-0)

Degradability

The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Ecological information on ingredients.

BENZOYL PEROXIDE (CAS: 94-36-0)

Bioaccumulation factor

BCF 66.6

12.4. Mobility in soil

Mobility:

The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

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

SECTION 14: TRANSPORT INFORMATION

General

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

14.1. UN number

NITOKIT SURFACE SEALANT FILLER

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport Labels

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Safety Data Sheets for Substances and Preparations.

Guidance Notes

CHIP for everyone HSG(108).

Workplace Exposure Limits EH40.

EU Legislation

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

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

Revision Date 26 September 2013

Revision 2

NITOKIT SURFACE SEALANT FILLER

Risk Phrases In Full

R3	Extreme risk of explosion by shock, friction, fire or other sources of ignition.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R7	May cause fire.
R43	May cause sensitisation by skin contact.

Hazard Statements In Full

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

Disclaimer

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.



SAFETY DATA SHEET NITOKIT SURFACE SEALANT RESIN

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name NITOKIT SURFACE SEALANT RESIN
Product No. A1906002UK9

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

Identified uses Base component of two-part protective coating.

1.3. Details of the supplier of the safety data sheet

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

1.4. Emergency telephone number

+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 (1999/45/EEC) Xn;R20, R48/20, R65. Xi;R36/38. R10.

Human health

The liquid is irritating to eyes and skin.

Physical and Chemical Hazards

Flammable/combustible material. Vapours are heavier than air and may spread near ground to sources of ignition.

2.2. Label elements

Contains STYRENE MONOMER

Labelling



Harmful

Risk Phrases

R10	Flammable.
R20	Harmful by inhalation.
R36/38	Irritating to eyes and skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65	Harmful: may cause lung damage if swallowed.

Safety Phrases

S24/25 Avoid contact with skin and eyes.

NITOKIT SURFACE SEALANT RESIN

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.
S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

STYRENE MONOMER	30-60%
CAS-No.: 100-42-5	EC No.: 202-851-5
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT RE 2 - H373 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R20,R48/20,R65. Xi;R36/38. R10.

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!

Inhalation

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Skin contact

Immediately remove contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. The casualty should be transferred to hospital for further treatment.

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

Inhalation

May cause an asthma-like shortness of breath. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death. Vapours may cause headache, fatigue, dizziness and nausea.

Ingestion

Nausea, vomiting. Fumes from the stomach contents may be inhaled resulting in the same symptoms as inhalation.

Skin contact

Severe irritation. Irritation or pain may occur at the site of contact. Blistering may occur.

Eye contact

May cause severe irritation to eyes.

NITOKIT SURFACE SEALANT RESIN

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

Pneumonitis (inflammation of lung tissue).

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Small fires: Extinguish with foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

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

Hazardous combustion products

Carbon monoxide (CO). Carbon dioxide (CO₂). Formaldehyde

Unusual Fire & Explosion Hazards

Vapours may form explosive mixture with air at room temperature. Vapours are heavier than air and may spread near ground to sources of ignition. If heated, volume and pressure increases strongly, resulting in explosion of container.

5.3. Advice for firefighters

Protective equipment for fire-fighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours and aerosol spray. Avoid contact with skin and eyes. Do not smoke, use open fire or other sources of ignition.

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground. Contain spillages with sand, earth or any suitable adsorbent material.

6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water.

6.4. 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

Avoid spilling, skin and eye contact. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented. Do not eat, drink or smoke when using the product. Do not use in confined spaces without adequate ventilation and/or respirator.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store under well-ventilated conditions at a temperature below 25°C. Store out of direct sunlight.

Storage Class

Flammable liquid storage.

7.3. 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

NITOKIT SURFACE SEALANT RESIN

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
STYRENE MONOMER	WEL	100 ppm	430 mg/m ³	250 ppm	1080 mg/m ³	

WEL = Workplace Exposure Limit.

STYRENE MONOMER (CAS: 100-42-5)

DNEL

Industry	Inhalation.	Short Term	Systemic Effects	289 mg/m ³
Industry	Inhalation.	Short Term	Local Effects	306 mg/m ³
Industry	Inhalation.	Long Term	Systemic Effects	85 mg/m ³

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Use respiratory equipment with combination filter, type A2/P3.

Hand protection

Protective gloves must be used if there is a risk of direct contact or splash. Chemical resistant protective gloves (EN 374). Nitrile. Neoprene. Viton rubber (fluor rubber). Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Eye protection

Wear tight-fitting goggles or face shield.

Hygiene measures

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

Skin protection

Wear apron or protective clothing in case of splashes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Liquid
<u>Colour</u>	Purple / Red
<u>Odour</u>	Pungent, characteristic of styrene.
<u>Solubility</u>	Insoluble in water
<u>Initial boiling point and boiling range (°C)</u>	145
<u>Relative density</u>	1.1
<u>Flash point (°C)</u>	29°C

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with: Strong oxidising agents.

10.2. Chemical stability

NITOKIT SURFACE SEALANT RESIN

Stable under normal temperature conditions and recommended use. Maintain dissolved oxygen and inhibitor at an appropriate level. Do not store in uninhibited state.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

May polymerise.

Polymerisation Description

Polymerises easily with evolution of heat. Keep cool.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Copper alloys. Halides.

10.6. Hazardous decomposition products

Thermal decomposition:- Toxic fumes. Carbon monoxide. Formaldehyde

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Respiratory or skin sensitisation:

Not Sensitising.

Inhalation

Harmful by inhalation. Vapours may cause headaches, dizziness and central nervous system depression.

Ingestion

Severe irritation and symptoms similar to inhalation.

Skin contact

Irritation. Defats the skin.

Eye contact

Irritating and may injure eye tissue if not removed promptly. Vapour may cause irritation.

Route of entry

Inhalation. Skin and/or eye contact.

Specific effects

Repeated and prolonged skin contact may lead to skin disorders.

Toxicological information on ingredients.

NITOKIT SURFACE SEALANT RESIN
STYRENE MONOMER (CAS: 100-42-5)

Acute toxicity:

Acute Toxicity (Oral LD50)

> 5000 mg/kg

Acute Toxicity (Dermal LD50)

> 5000 mg/kg

Acute Toxicity (Inhalation LC50)

~ 15 mg/l (vapours)

Respiratory or skin sensitisation:

Not Sensitising.

Aspiration hazard:

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

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Expected to be ecotoxic to fish/daphnia/algae.

12.1. Toxicity

Ecological information on ingredients.

STYRENE MONOMER (CAS: 100-42-5)

LC 50, 96 Hrs. Fish mg/l

1 - <= 10 mg/l

EC 50, 48 Hrs. Daphnia, mg/l

1 - <= 10 mg/l

IC 50, 72 Hrs. Algae, mg/l

1 - <= 10 mg/l

12.2. Persistence and degradability

Degradability

The degradability of the product has not been stated.

12.3. Bioaccumulative potential

Bioaccumulative potential

Not expected to be bioaccumulative

12.4. Mobility in soil

Mobility:

Volatile. Mobile liquid. Insoluble in water.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

SECTION 14: TRANSPORT INFORMATION

NITOKIT SURFACE SEALANT RESIN

14.1. UN number

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

14.2. UN proper shipping name

<u>Proper Shipping Name</u>	RESIN SOLUTION
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14.3. Transport hazard class(es)

<u>ADR/RID/ADN Class</u>	3
<u>ADR/RID/ADN Class</u>	Class 3: Flammable liquids.
<u>ADR Label No.</u>	3
<u>IMDG Class</u>	3
<u>ICAO Class/Division</u>	3
<u>Transport Labels</u>	



14.4. Packing group

<u>ADR/RID/ADN Packing group</u>	III
<u>IMDG Packing group</u>	III
<u>ICAO Packing group</u>	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

<u>EMS</u>	F-E, S-E
<u>Emergency Action Code</u>	•3Y
<u>Hazard No. (ADR)</u>	30
<u>Tunnel Restriction Code</u>	(D/E)

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

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

NITOKIT SURFACE SEALANT RESIN

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40.

CHIP for everyone HSG(108).

EU Legislation

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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

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

Revision Date 26 September 2013

Revision 2

Risk Phrases In Full

R10	Flammable.
R20	Harmful by inhalation.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.

Hazard Statements In Full

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H304	May be fatal if swallowed and enters airways.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.

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.