SAFETY DATA SHEET
STRONGCOAT PRIMER HARDENER

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

1.1. Product identifier

Product name STRONGCOAT PRIMER HARDENER

Internal identification SCPH/13

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

Identified uses Component of epoxy coating system

Uses advised against None

1.3. Details of the supplier of the safety data sheet

Supplier

Don Construction Products Ltd.,
Hawthorn House
Helions Bumpstead Road
Haverhill
Suffolk
CB9 7AA
Tel: 01538 361799 Mon-Fri 08:30 - 17:00 (excl bank holidays)
Fax: 01538 361899
E-Mail: info.uk@dcp-int.com

1.4. Emergency telephone number

Emergency telephone 01538 361799 Mon-Fri 8.30am - 5.00pm (excluding Bank Holidays)

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 Acute Tox. 4 - H332 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Repr. 2 - H361f

Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) Xn;R20/22. Repr. Cat. 3;R62. C;R34. R43.

Human health The product contains a sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals. This product can cause burns, Contains a substance with possible risk of impaired fertility.

2.2. Label elements

STRONGCOAT PRIMER HARDENER

Pictogram

Signal word	Danger
Hazard statements	H302+H332 Harmful if swallowed or if inhaled. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H361f Suspected of damaging fertility.
Precautionary statements	P260 Do not breathe vapour/ spray. 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/ shower. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P313 Get medical advice/ attention.
Contains	BENZYL ALCOHOL, BISPHENOL A EPOXY RESIN, M-PHENYLENEBIS(METHYLAMINE), 3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE, 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL, 3-AMINOPROPYLDIMETHYLAMINE
Supplementary precautionary statements	P264 Wash contaminated skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

BENZYL ALCOHOL **30-60%**

CAS number: 100-51-6 EC number: 202-859-9 REACH registration number: 01-2119492630-38-0000

Classification	Classification (67/548/EEC or 1999/45/EC)
Acute Tox. 4 - H302 Acute Tox. 4 - H332	Xn;R20/22

3-AMINOPROPYLDIMETHYLAMINE **10-30%**

CAS number: 109-55-7 EC number: 203-680-9 REACH registration number: 01-2119486842-27-0000

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317	R10 C;R34 Xn;R22 R43

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2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL **10-30%**

CAS number: 90-72-2 EC number: 202-013-9 REACH registration number: 01-2119560597-27-0000

Classification
Skin Corr. 1C - H314
Eye Dam. 1 - H318
Skin Sens. 1B - H317

Classification (67/548/EEC or 1999/45/EC)
Xn;R22 Xi;R36/38

3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE **10-30%**

CAS number: 2855-13-2 EC number: 220-666-8 REACH registration number: 01-2119514687-32-0000

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC)
Xn;R21/22. C;R34. R43,R52/53.

M-PHENYLENEBIS(METHYLAMINE) **10-30%**

CAS number: 1477-55-0 EC number: 216-032-5 REACH registration number: 01-2119480150-50-0000

Classification
Acute Tox. 4 - H302
Acute Tox. 3 - H331
Skin Corr. 1B - H314
Skin Sens. 1 - H317
Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC)
Xn;R20/22. C;R34. R43,R52/53.

BISPHENOL A EPOXY RESIN **10-30%**

CAS number: 25085-99-8 EC number: 201-245-8

Classification
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Repr. 2 - H361f
STOT SE 3 - H335

Classification (67/548/EEC or 1999/45/EC)
Repr. Cat. 3;R62. Xi;R37,R41. R43,R52.

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

Composition comments Amine curing agent

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Remove affected person from source of contamination.

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention immediately.
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. Continue to rinse for at least 15 minutes and get medical attention.

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	Harmful if inhaled. Vapours may cause headache, fatigue, dizziness and nausea.
Ingestion	Harmful if swallowed.
Skin contact	Prolonged skin contact may cause redness and irritation. May cause serious chemical burns to the skin.
Eye contact	Irritation, burning, lachrymation, blurred vision after liquid splash.

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

Notes for the doctor	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with foam, carbon dioxide or dry powder.
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	Toxic gases/vapours/fumes of: Oxides of the following substances: Carbon. Nitrogen.
Hazardous combustion products	Oxides of carbon. Oxides of nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting	No specific firefighting precautions known.
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	Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions	Avoid the spillage or runoff entering drains, sewers or watercourses. Avoid discharge into drains or watercourses or onto the ground. Contain spillages with sand, earth or any suitable absorbent material.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with sand or other inert absorbent. Collect spillage in containers, seal securely and deliver for disposal as hazardous waste.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in closed original container at temperatures between 5°C and 30°C. Store in a cool and well-ventilated place.

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

BISPHENOL A EPOXY RESIN

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³
Short-term exposure limit (15-minute): WEL
WEL = Workplace Exposure Limit

BENZYL ALCOHOL (CAS: 100-51-6)

DNEL Workers - Dermal; : 9.5 mg/kg
Workers - Inhalation; : 90 mg/m³

PNEC - Fresh water; 1.0 mg/l
- Marine water; 0.1 mg/l

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL (CAS: 90-72-2)

DNEL Workers - Inhalation; Long term systemic effects: 0.31 mg/m³

PNEC - Fresh water; 0.084 mg/l
- Marine water; 0.0084 mg/l
- Intermittent release; 0.84 mg/l
- STP; 0.2 mg/l

3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE (CAS: 2855-13-2)

DNEL Workers - Inhalation; : 20.1 mg/m³

PNEC - Fresh water; 0.06 mg/l
- Marine water; 0.006 mg/l

BISPHENOL A EPOXY RESIN (CAS: 25085-99-8)

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DNEL	Workers - Dermal; : 1.4 mg/kg Workers - Inhalation; : 10 mg/m³
PNEC	- Fresh water; 0.018 mg/l - Marine water; 0.016 mg/l

M-PHENYLENEBIS(METHYLAMINE) (CAS: 1477-55-0)

PNEC	- Fresh water; 0.094 mg/l - Marine water; 0.0094 mg/l

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	Provide adequate general and local exhaust ventilation.
Personal protection	Always check applicability with your supplier of protective equipment.
Eye/face protection	If there is a risk of splashing, wear chemical resistant goggles or visor approved to BS EN166.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Nitrile gloves to BSEN374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.
Other skin and body protection	Wear suitable protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.
Hygiene measures	Provide eyewash station. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Wash contaminated clothing before reuse.
Respiratory protection	In case of inadequate ventilation use a respirator suitable for organic vapours. Consult respirator manufacturer for specific advice.
Environmental exposure controls	Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Yellowish.
Odour	Amine.
Odour threshold	Not determined.
pH	pH (concentrated solution):
Melting point	Not applicable.
Initial boiling point and range	135 Approx°C @
Flash point	86 approx°C
Evaporation rate	Not determined.

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Evaporation factor	Not determined.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Other flammability Vapour	Not applicable.
pressure	0.3 hPa @ °C
Vapour density	Not determined.
Relative density	1.02 @ °C
Bulk density	Not determined.
Solubility(ies)	Immiscible with water.
Partition coefficient	Not applicable.
Auto-ignition temperature	380°C
Decomposition Temperature	Not determined.
Viscosity	600-1400 mPa s @ 25°C
Explosive properties	Not applicable.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not determined.
Comments	Information given is applicable to the product in its ready-to-use form.

9.2. Other information

Other information	None.
Refractive index	Not determined.
Particle size	Not applicable.
Molecular weight	Not determined.
Volatility	Not determined.
Saturation concentration	Not applicable.
Critical temperature	Not determined.
Volatile organic compound	Not determined.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The following materials may react with the product: Acids. Strong alkalis. Strong oxidising agents.

10.2. Chemical stability

Stability	Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.

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10.4. Conditions to avoid

Conditions to avoid Considerable exothermic reaction can occur when mixed with epoxide resins

10.5. Incompatible materials

Materials to avoid Strong acids. Strong alkalis. Strong oxidising agents.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

Acute toxicity - oral

Notes (oral LD_{50}) No specific test data are available.

ATE oral (mg/kg) 555.55555556

Acute toxicity - dermal

Notes (dermal LD_{50}) No specific test data are available.

ATE dermal (mg/kg) 11,000.0

Acute toxicity - inhalation

Notes (inhalation LC_{50}) No specific test data are available.

ATE inhalation (vapours mg/l) 11.0

Skin corrosion/irritation

Skin corrosion/irritation Corrosive to skin., Causes severe burns.

Animal data No specific test data are available.

Human skin model test No specific test data are available.

Extreme pH No specific test data are available.

Serious eye damage/irritation

Serious eye damage/irritation Corrosivity to eyes is assumed.

Respiratory sensitisation

Respiratory sensitisation No specific test data are available.

Skin sensitisation

Skin sensitisation Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro No specific test data are available.

Genotoxicity - in vivo No specific test data are available.

Carcinogenicity

Carcinogenicity No specific test data are available.

IARC carcinogenicity Not listed.

Reproductive toxicity

Reproductive toxicity - fertility Suspected of damaging fertility.

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Specific target organ toxicity - single exposure

STOT - single exposure No specific test data are available.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure No specific test data are available.

Aspiration hazard

Aspiration hazard Not relevant.

General information	Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations.
Inhalation	Harmful by inhalation.
Ingestion	Harmful if swallowed. May cause chemical burns in mouth, oesophagus and stomach.
Skin contact	Causes burns. May cause sensitisation by skin contact.
Eye contact	May cause chemical eye burns.
Acute and chronic health hazards	Contains a substance which may impair fertility.
Route of entry	Skin and/or eye contact Inhalation
Target organs	Eyes Respiratory system, lungs Skin
Medical symptoms	Chemical burns. May cause discomfort if swallowed. General respiratory distress, unproductive cough. Severe skin irritation.
Medical considerations	Pre-existing eye problems. Skin disorders and allergies. Chronic respiratory and obstructive airway diseases.

3-AMINOPROPYLDIMETHYLAMINE

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	1,600.0
Species	Rat

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	1,200.0
Species	Rat

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	1,242.0
Species	Rabbit

3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE

Acute toxicity - dermal

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Acute toxicity dermal (LD_{50} mg/kg)	1,840.0
Species	Rabbit

M-PHENYLENEBIS(METHYLAMINE)

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	930.0
Species	Rat

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	2,000.0
Species	Rabbit
Notes (dermal LD_{50})	LD_{50} 3100 mg/kg, Dermal, Rabbit

Acute toxicity - inhalation

ATE inhalation (vapours mg/l)	3.0

BISPHENOL A EPOXY RESIN

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)	3,250.0
Species	Rat

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)	3,000.0
Species	Rabbit

SECTION 12: Ecological Information

Ecotoxicity The product should not be allowed to enter drains, sewers or watercourses.

12.1. Toxicity

Toxicity	Not measured. Do not allow to enter waterways or drains
Acute toxicity - fish	Not determined
Acute toxicity - aquatic invertebrates	Not determined.
Acute toxicity - aquatic plants	Not determined.
Acute toxicity - microorganisms	Not determined.
Acute toxicity - terrestrial	Not determined.
Chronic toxicity - fish early life stage	Not determined.

Short term toxicity - embryo and sac fry stages Not determined.

Chronic toxicity - aquatic invertebrates Not determined.

3-AMINOPROPYLDIMETHYLAMINE

Acute toxicity - fish LC50, 96 hours: 122 mg/l, Leuciscus idus (Golden orfe)

Acute toxicity - aquatic invertebrates EC_{50}, : 44.5 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC_{50}, 72 hours: 56.2 mg/l, Scenedesmus subspicatus

Acute toxicity - microorganisms EC_{50}, 30 minutes: > 1000 mg/l, Activated sludge

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

Acute toxicity - fish LC50, 96 hours: 175 mg/l, Algae

Acute toxicity - aquatic invertebrates LC_{50}, 96 hours: 718 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC_{50}, 72 hours: 84 mg/l, Fish

3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE

Acute toxicity - fish LC50, 96 hours: 110 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 23 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC_{50}, 72 hours: 50 mg/l, Scenedesmus subspicatus

M-PHENYLENEBIS(METHYLAMINE)

Acute toxicity - fish LC50, 96 hours: > 100 mg/l, Onchorhynchus mykiss (Rainbow trout)
LC_{50}, 96 hours: > 100 mg/l, Brachydanio rerio (Zebra Fish)
LC_{50}, 96 hours: 87.6 mg/l, Oryzias latipes (Red killifish)

Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 15.2 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC_{50}, 72 hours: 20.3 mg/l, Selenastrum capricornutum

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

Phototransformation Not determined.

Stability (hydrolysis) Not determined.

Biodegradation Not determined.

Biological oxygen demand	Not determined.
Chemical oxygen demand	Not determined.

12.3. Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
Partition coefficient	Not applicable.

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

Bioaccumulative potential	Low
Partition coefficient	log Pow: 0.219

12.4. Mobility in soil

Mobility	The product is non-volatile.
Adsorption/desorption coefficient	Not determined.
Henry's law constant	Not determined.
Surface tension	Not determined.

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

Disposal methods	Small quantities may be treated with an equivalent quantity of product resin, allowed to cure and disposed of as low hazard waste. Larger quantities should be disposed of as hazardous waste via a licensed waste operator. Product containers must not be re-used without commercial cleaning.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID)	2735
UN No. (IMDG)	2735
UN No. (ICAO)	2735

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S (M-PHENYLENEBIS(METHYLAMINE), 3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE)
Proper shipping name (IMDG)	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S (M-PHENYLENEBIS(METHYLAMINE), 3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE)

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Proper shipping name (ICAO)	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S (M-PHENYLENEBIS(METHYLAMINE), 3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE)
Proper shipping name (ADN)	AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S (M-PHENYLENEBIS(METHYLAMINE), 3-AMINOMETHYL-3, 5, 5 - TRIMETHYLCYCLOHEXYLAMINE)

14.3. Transport hazard class(es)

ADR/RID class	8
ADR/RID label	8
IMDG class	8
ICAO class/division	8

Transport labels

14.4. Packing group

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

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

EmS	F-A, S-B
Emergency Action Code	2X
Hazard Identification Number (ADR/RID)	80
Tunnel restriction code	(E)

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

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).
Guidance	Workplace Exposure Limits EH40. Safety Data Sheets for Substances and Preparations.
Authorisations (Title VII Regulation 1907/2006)	No specific authorisations are known for this product.
Restrictions (Title VIII Regulation 1907/2006)	No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

SECTION 16: Other information

STRONGCOAT PRIMER HARDENER

General information	Don Construction Products Ltd. Technical Datasheet.
Key literature references and sources for data	Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.
Revision comments Revision	Section 1 update
date	08/03/2017
Revision	13
Supersedes date	07/06/2016
SDS status	Approved.
Risk phrases in full	R10 Flammable. R20/22 Harmful by inhalation and if swallowed. R21/22 Harmful in contact with skin and if swallowed. R22 Harmful if swallowed. R34 Causes burns. R36/38 Irritating to eyes and skin. R37 Irritating to respiratory system. R41 Risk of serious damage to eyes. R43 May cause sensitisation by skin contact. R52 Harmful to aquatic organisms. R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R62 Possible risk of impaired fertility.
Hazard statements in full	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H312 Harmful in contact with skin. 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. H335 May cause respiratory irritation. H361f Suspected of damaging fertility. H412 Harmful to aquatic life with long lasting effects.