



Roof Decks

Deckmaster System R Product Technical Data
Deckmaster UVR Finish Product Technical Data
Deckmaster System R Material Safety Data
Deckmaster UVR Finish Material Safety Data



Product data sheet Deckmaster System R Membrane CE BSEN1504-2 09 BRE – JR 243982

REF: DMPTD110

A crack bridging waterproof coating for suitably prepared concrete, asphalt, metal and wood.

Product description

The Deckmaster System R Membrane is part of two product trafficable waterproofing system designed for Multi Story Car Parks and Podium Decks.

Deckmaster System R Membrane complies with the requirements of BSEN 1504-2 as a protective waterproof coating.

Characteristics Advantages

Self Priming, adhesion in excess of **2.0 MPa** BRE – JR 243982 R6a

Crack bridging even at Low Temperatures (**-10°C**) BRE – JR 243982 R10a

High diffusion resistance against CO₂ reducing the rate of carbonation BRE – JR 243982 R2a

Resistance to Liquids/Chemicals BRE – JR 243982 R12a

Excellent resistance against weathering and ageing BRE – JR 243982 R1 a

Environmentally friendly, (Solvent Free) with recycled components.

Tests

Approval/Standards

Conforms to the requirements of BSEN 1504-2

Conformity Tested and Certified by the BRE – JR 243982 2009

Product data

Appearance/Colours

Black Thixotropic resin

Packaging

Part A 15.84Kg Unit of resin in plastic pails

Part B 4.16Kg Unit of resin in plastic pails

Storage

Store in cool dry conditions and protect from frost.

Technical data

Chemical base

A two component polyurethane/polyurea

Density

1.2 kg/Litre

Solid Content

100% (by volume) 100% (by weight)

Layer Thickness

The Deckmaster System R Membrane is applied at 2.5kg/m² for the requirements of BSEN 1504-2

Mechanical/Physical Properties

Elongation at Tear

Elongation at break at 20°C >300%

Crack Bridging Capacity

Conforms to BSEN 1062-7 2004 Method B, Class 4.2 (-10°C) BRE – JR 243982 R10a

Abrasion Resistance

Conforms to BSEN ISO 5470-1: 1999 Abrasion resistance BRE – JR 243982 R3a

Chemical Resistance

Conforms to BSEN ISO 2812-1: 1995 Resistance to Liquids/Chemicals BRE – JR 243982 R12a

Exposure to UV & Moisture

Conforms to BSEN 1062-11 Exposure to UV & Moisture BRE – JR 243982 R13a

Classification of Reaction to Fire

Conforms to BSEN 13501-1: 2007 BRE Global– No 252227a

Conforms to BSEN 11925-2: 2002 BRE Global– No 252229a

System Information

Deckmaster System R Structure

System	Products	Number of applications
Primer	Not required	0
Membrane	Deckmaster Membrane	1-2
Topcoat	Deckmaster UVR Finish	1

Application Details

Consumption

System	Products	Per Coat
Primer	Not required	0
Membrane	Deckmaster Membrane	1.5-1.0 kg/m ²
Topcoat	Deckmaster UVR Finish	0.75 kg/m ²

* All of the above are dependent on existing surface condition/profile.

Substrate Preparation

Before application ensure that surfaces to be coated are firmly fixed, clean dry and free from contaminants, loose material, voids, protrusions and organic growths.

The quantities specified particularly for the first coat, are based upon an even surface as per BS 8204 Part1, Table 2 Class SR 1, 2, or 3. The levels of the finished works are determined by the substrata, which will be followed by the system. Water run-off or ponding is neither reduced nor increased by the application.

The substrate should have a minimum compressive strength of 25N/mm² and a pull-off strength of 1.5N/mm² to BS 8204 Part 3. The moisture content should be tested to the BS 8203, Appendix A, less than 6%.

The substrate shall be prepared in such a way that it is suitable for a resin system, i.e. there is no bond breaking contamination or any smooth shiny surface patina. Mechanically prepare the substrate using shot blasting, diamond grinding or scarifying equipment.

Application Conditions Limitations

Substrate /Ambient Temperature

+5 °C min / +30 °C max

Relative Humidity

85% r.h. max

Dew Point

The temperature must be at least 3 °C above the dew point.

Application Instructions

Mixing

All materials are provided in preproportioned units. Mixing of part units is not recommended due to the possibility of proportioning errors. Mixing the hardener component is recommended before mixing the two liquid components. Mix both liquid components together for a minimum of two minutes or until a homogeneous mix is obtained.

Application Methods/Tools

The Deckmaster System R Membrane should be applied by trowel or squeegee and roller.

Cleaning of Tools

Tools and equipment must be cleaned immediately after use.

Waiting Time Overcoating

System Products		+10 ⁰ C	+20 ⁰ C	+30 ⁰ C
Primer	Min.	n/a	n/a	n/a
Not required	Max.	n/a	n/a	n/a
Deckmaster Membrane to	Min.	8hrs	8hrs	8hrs
Deckmaster Membrane	Max.	48hrs	48hrs	48hrs
Deckmaster UVR Finish to blinded	Min.	8hrs	8hrs	8hrs
Deckmaster Membrane	Max.	n/a	n/a	n/a

Notes on Application Limitations

Observe the Dew Point.

Substrate and ambient temperatures between +5°C and +30°C.

Applied Product ready for use

Resistance to light traffic 16hrs @ 20°C.

Full cure 4-5 days @ 20°C.

Maintenance

Surfaces should be cleaned at regular intervals.

Frequency of cleaning will depend on the level of use of the car park, importance placed on appearance by the owner/operator and manpower availability. The long-term detrimental effects of oil deposits on the surface of Deckmaster System R are minimal; therefore, concern should focus on potential slip hazard and mechanical damage.

Any frozen surfaces will require to be dealt with using a de-icing medium to prevent a slip hazard.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety related data.

Printed date 15.11.09

Product data sheet Deckmaster UVR Finish

CE BSEN1504-2 09 BRE – JR 243982

REF: DMPTD120

A crack bridging abrasion resistant, waterproof coating for application onto System R membrane.

Product description

The Deckmaster System R UVR Finish is part of two product trafficable waterproofing system designed for Multi Story Car Parks and Podium Decks.

Deckmaster System R UVR Finish complies with the requirements of BSEN 1504-2 as a protective waterproof coating.

Characteristics Advantages

High Abrasion resistance BRE – JR 243982 R3a

Crack bridging even at Low Temperatures (-10°C) BRE – JR 243982 R10a

Resistance to Liquids/Chemicals BRE – JR 243982 R12a

Excellent resistance against weathering and ageing BRE – JR 243982 R1 a

Environmentally friendly (Solvent Free).

Tests

Approval/Standards

Conforms to the requirements of BSEN 1504-2

Conformity Tested and Certified by the BRE – JR 243982 2009

Product data

Appearance/Colours

Liquid resin in a range of standard colours

Packaging

Part A 7.44Kg Unit of resin in plastic pails

Part B 2.56Kg Unit of resin in plastic pails

Storage

Store in cool dry conditions and protect from frost.

Technical data

Chemical base

A Solvent Free Polyurethane resin.

Density

1.58 kg/Litre

Solid Content

100% (by volume) 100% (by weight)

Layer Thickness

The Deckmaster UVR Finish is applied at 0.75kg/m² for the requirements of BSEN 1504-2

Mechanical/Physical Properties

Elongation at Tear

Elongation at break at 20⁰C 70%

Crack Bridging Capacity

Conforms to BSEN 1062-7 2004 Method B, Class 4.2 (-10⁰C) BRE – JR 243982 R10a

Abrasion Resistance

Conforms to BSEN ISO 5470-1: 1999 Abrasion resistance BRE – JR 243982 R3a

Chemical Resistance

Conforms to BSEN ISO 2812-1: 1995 Resistance to Liquids/Chemicals BRE – JR 243982 R12a

Exposure to UV & Moisture

Conforms to BSEN 1062-11 Exposure to UV & Moisture BRE – JR 243982 R13a

Classification of Reaction to Fire

Conforms to BSEN 13501-1: 2007 BRE Global– No 252227a

Conforms to BSEN 11925-2: 2002 BRE Global– No 252229a

System Information

Deckmaster System R Structure BSEN1504-2

System	Products	Number of applications
Primer	Not required	0
Membrane	Deckmaster Membrane	1-2
Topcoat	Deckmaster UVR Finish	1

Application Details

Consumption

System	Products	Per Coat
Primer	Not required	0
Membrane	Deckmaster Membrane	1.5-1.0 kg/m ²
Topcoat	Deckmaster UVR Finish	0.75 kg/m ²

* All of the above are dependent on existing surface condition/profile.

Substrate Preparation

Before application ensure that surfaces to be coated are firmly fixed, clean dry and free from contaminants.

Application Conditions Limitations

Substrate / Ambient Temperature

+5 °C min / +30 °C max

Relative Humidity

85% r.h. max

Dew Point

The temperature must be at least 3 °C above the dew point.

Application Instructions

Mixing

All materials are provided in preproportioned units. Mixing of part units is not recommended due to the possibility of proportioning errors. Mixing the hardener component is recommended before mixing the two liquid components. Mix both liquid components together for a minimum of two minutes or until a homogeneous mix is obtained, paying special attention to scrape the sides and base of the mixing container.

Application Methods/Tools

The Deckmaster UVR Finish should be applied by squeegee and roller.

Cleaning of Tools

Tools and equipment must be cleaned immediately after use.

Waiting times between coats

System Products		+10°C	+20°C	+30°C
Primer	Min.	n/a	n/a	n/a
	Max.	n/a	n/a	n/a
Deckmaster Membrane to Deckmaster Membrane	Min.	8hrs	8hrs	8hrs
	Max.	48hrs	48hrs	48hrs
Deckmaster UVR Finish to blinded Deckmaster Membrane	Min.	8hrs	8hrs	8hrs
	Max.	n/a	n/a	n/a

Notes on Application Limitations

Observe the Dew Point.

Substrate and ambient temperatures between 5°C and 30°C.

Applied Product ready for use

Resistance to light traffic 16hrs @ 20°C.

Full cure 4-5 days @ 20°C.

Maintenance

Surfaces should be cleaned at regular intervals.

Frequency of cleaning will depend on the level of use of the car park, importance placed on appearance by the owner/operator and manpower availability. The long-term detrimental effects of oil deposits on the surface of Deckmaster System R are minimal; therefore, concern should focus on potential slip hazard and mechanical damage.

Any frozen surfaces will require to be dealt with using a de-icing medium to prevent a slip hazard.

Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety related data.

Printed Date: 15.11.09

1. PRODUCT NAME & SUPPLIER Deckmaster System R (Base Resin)Ref. 20092a

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- Blackthorn House
- Skull House Lane
- Appley Bridge
- Wigan
- WN6 9DB
- +44 (0)1257 257 028
- +44 (0)1257 571 189

2. COMPOSITION / INFORMATION ON INGREDIENTS**3. HAZARDS IDENTIFICATION**

Main hazards No Significant Hazard

4. FIRST AID MEASURES

Skin contact : Wash with soap and water. Seek medical attention if irritation or symptoms persist.

Eye contact : Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

Inhalation : Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media : Use as appropriate: carbon dioxide (CO₂), dry chemical, foam
Protective equipment Wear: Wear suitable respiratory equipment when necessary

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Keep personnel away from spill. Evacuate personnel to a safe area.

Environmental precautions : Do not allow product to enter drains.

Clean up methods : Absorb with inert, absorbent material.

7. HANDLING AND STORAGE

Handling : Wear suitable protective equipment.

Storage : Store at temperatures between 10 °C and 30 °C. Keep in a cool, dry, well ventilated area. Store in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hand protection : Rubber gloves.

Eye protection : Safety glasses.

Protective equipment : Adopt best Manual Handling considerations when handling, carrying and dispensing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description : Liquid
Colour : Clear - or pigmented
Odour : None

10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.
Conditions to avoid : Heating produces hazardous fumes.
Materials to avoid Acids : Amines. Bases. Strong oxidising agents. Copper and its alloys.

11. TOXICOLOGICAL INFORMATION

Repeated or prolonged exposure : Prolonged or repeated exposure may cause irritation to skin and mucous membranes

12. ECOLOGICAL INFORMATION

Ecotoxicity : No data available on this product
Degradability Not readily biodegradable
Further information : The product reacts with water at the interface forming CO₂ and a solid insoluble product with high melting point (polyurea). This reaction is accelerated by surfactants (e.g. detergents) or by water-soluble solvents

13. DISPOSAL CONSIDERATIONS

General information : Dispose of as special waste in compliance with local and national regulations.
Disposal of packaging : Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

Risk phrases : NSH – No Significant Hazard

16. OTHER INFORMATION

Further information : The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

Deckmaster Ltd
Printed 9.04.09
Ref. 20092a

1. PRODUCT NAME & SUPPLIER Deckmaster System R (Hardener) Ref. 20092b

- Deckmaster Ltd
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- Skull House Lane
- Appley Bridge
- Wigan
- WN6 9DB
- +44 (0)1257 257 028
- +44 (0)1257 571 189

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients : Conc. CAS EINECS

Symbols/Risk phrases : 4,4'-Diphenylmethane-diisocyanate 90 - 100% 9016-87-9

Xn;R20 Xi;R36

Xi;R37 Xi;R38 Xn;R42 Xi;R43

3. HAZARDS IDENTIFICATION

Main hazards Harmful by inhalation. Irritating to eyes, respiratory system and skin.
May cause sensitisation by inhalation and skin contact.

4. FIRST AID MEASURES

Skin contact : Wash with soap and water. Seek medical attention if irritation or symptoms persist.

Eye contact : Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

Inhalation Move the exposed person to fresh air. Seek medical attention.

Ingestion : DO NOT INDUCE VOMITING. Immediate medical attention is required.

Rinse mouth thoroughly.

5. FIRE FIGHTING MEASURES

Extinguishing media : Carbon dioxide (CO₂) Dry chemical. Alcohol resistant foam.

Fire hazards : Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear: Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Evacuate personnel to a safe area. Wear suitable protective equipment.

Environmental precautions : Prevent further spillage if safe. Do not allow product to enter drains.

Advise local authorities if large spills cannot be contained.

Clean up methods : Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand).

After approximately one hour transfer to waste container and do not seal (evolution of CO₂!). Transfer to suitable, labelled containers for disposal.

7. HANDLING AND STORAGE

Handling : Ensure adequate ventilation of the working area. Do not eat, drink or smoke in areas where this product is used or stored. Avoid contact with eyes and skin.

Storage Store at temperatures between 20 °C and 35 °C. Keep in a cool, dry, well ventilated area.

Keep containers tightly closed. Keep away from water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures : Ensure adequate ventilation of the working area.

Occupational exposure controls : Keep away from food, drink and animal feedingstuffs.

Respiratory protection : Wear suitable respiratory equipment when necessary.

Hand protection : Butyl rubber gloves. Neoprene gloves. Nitrile rubber gloves.

Eye protection : Approved safety goggles.

Protective equipment : Wash all contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description : Liquid

Colour : Amber

Odour : Characteristic

10. STABILITY AND REACTIVITY

Stability : Stable under normal conditions.

Conditions to avoid : Heating produces hazardous fumes.

Materials to avoid Acids : Amines. Bases. Strong oxidising agents. Copper and its alloys.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : ORL RAT LD50 >2000 mg/kg. Ingestion may cause nausea and vomiting. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.

Corrosivity : May cause irritation to eyes. May cause irritation to skin. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.

Sensitization : May cause sensitisation by skin contact.

Repeated or prolonged exposure : Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

12. ECOLOGICAL INFORMATION

Ecotoxicity :

Acute fish toxicity : LC50=>1000 mg/l 96H. Test species: Zebra barbel (Brachydanio rerio)

Acute daphnia toxicity: EC50=> 1000 mg/l 24H. Test species: Daphnia magna.

Degradability Not readily biodegradable, 0, 28.

Further information : The product reacts with water at the interface forming CO₂ and a solid insoluble product with high melting point (polyurea). This reaction is accelerated by surfactants (e.g. detergents) or by water-soluble solvents.

13. DISPOSAL CONSIDERATIONS

General information : Dispose of as special waste in compliance with local and national regulations.

Disposal of packaging : Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

Labelling : The product is classified in accordance with 67/548/EEC. P4 - Contains isocyanates.

See information supplied by the manufacturer.

Symbols : Xn - Harmful

Risk phrases : R20 - Harmful by inhalation.

R36/37/38 - Irritating to eyes, respiratory system and skin.

R42/43 - May cause sensitisation by inhalation and skin contact.

Safety phrases S22 - Do not breathe dust.

S23 - Do not breathe gas/fumes/vapour/spray.

S24 - Avoid contact with skin.

S37 - Wear suitable gloves.

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S63 - In case of accident by inhalation: remove casualty to fresh air and keep at rest.

16. OTHER INFORMATION

Text of risk phrases in Section 2

R20 - Harmful by inhalation.

R36 - Irritating to eyes.

R37 - Irritating to respiratory system.

R38 - Irritating to skin.

R42 - May cause sensitisation by inhalation.

R43 - May cause sensitisation by skin contact.

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Deckmaster System R
Printed 09.04.2009
Ref. 20092b

1. PRODUCT NAME & SUPPLIER Deckmaster UVR (Hardener) Ref. 20093b

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

Conc. CAS Symbols/Risk phrases EINECS

Hexamethylene-di-isocyanate 0-0.5% 822-06-0 T; R23 Xi; R36/37/38 R42/43 212-485-8

aliphatic polyisocyanate 90-100% 28182-81-2 Xi;R43

3. HAZARDS IDENTIFICATION

Main hazards May cause sensitisation by skin contact.

4. FIRST AID MEASURES

Skin contact Wash off immediately with plenty of soap and water. Remove contaminated clothing.

Seek medical attention if irritation or symptoms persist.

Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open.

5. FIRE FIGHTING MEASURES

Extinguishing media Carbon dioxide (CO₂) Dry chemical. Alcohol resistant foam.

Fire hazards Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Wear: Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Evacuate personnel to a safe area. Wear suitable protective equipment.

Environmental precautions Prevent further spillage if safe. Do not allow product to enter drains. Advise local authorities if large spills cannot be contained.

Clean up methods Remove mechanically; cover the remainder with wet, absorbent material (e.g. sawdust, chemical binder based on calcium silicate hydrate, sand).

After approximately one hour transfer to waste container and do not seal (evolution of CO₂!).

7. HANDLING AND STORAGE

Handling Ensure adequate ventilation of the working area. Wear suitable protective equipment.

Storage Store at temperatures between 10 °C and 30 °C. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Keep away from water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures

Ensure adequate ventilation of the working area.

Occupational exposure controls

Keep away from food, drink and animal feeding stuffs.

Respiratory protection Wear suitable respiratory equipment when necessary. In case of hypersensitivity of the respiratory tract (e.g. asthmatics and those who suffer from chronic bronchitis) it is unadvisable to work with the product.

Hand protection Butyl rubber gloves.

Eye protection Approved safety goggles.

Protective equipment Wash all contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Liquid.

Colour Colourless.

Odour Slight.

Flash point 160°C

Viscosity @ 1200 mPa.s @ 23°C

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Conditions to avoid Heating produces hazardous fumes.

Materials to avoid Amines.

11. TOXICOLOGICAL INFORMATION

Acute toxicity ORL RAT LD50 > 5000 mg/kg.

Corrosivity May cause irritation to eyes. May cause irritation to skin. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.

Repeated or prolonged exposure

Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

12. ECOLOGICAL INFORMATION

Ecotoxicity No data is available on this product.

Degradability Not readily biodegradable.

Further information The product reacts with water at the interface forming CO₂ and a solid insoluble product with high melting point (polyurea). This reaction is accelerated by surfactants (e.g. detergents) or by water-soluble solvents.

13. DISPOSAL CONSIDERATIONS

General information Dispose of as special waste in compliance with local and national regulations.

Disposal of packaging Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations.

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

Labelling The product is classified in accordance with 67/548/EEC.

Symbols Xi - Irritant

Risk phrases R43 - May cause sensitisation by skin contact.

Safety phrases S24 - Avoid contact with skin.

S37 - Wear suitable gloves.

16. OTHER INFORMATION

Text of risk phrases in Section 2

R23 - Toxic by inhalation.

R36/37/38 - Irritating to eyes, respiratory system and skin.

R42/43 - May cause sensitisation by inhalation and skin contact.

R43 - May cause sensitisation by skin contact.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

1. PRODUCT NAME & SUPPLIER Deckmaster System R (Base Resin)Ref. 20093a

- Deckmaster Ltd
- Blackthorn House
- Skull House Lane
- Appley Bridge
- Wigan
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients
Conc. CAS Symbols/Risk phrases EINECS
Barium Sulphate
(Barium sulphate respirable dust)
40-50% 7727-43-7
Additive 0.5-1% R10 Xi;R37 N;R51/53

3. HAZARDS IDENTIFICATION

Main hazards No Significant Hazard

4. FIRST AID MEASURES

Skin contact Wash off immediately with plenty of soap and water. Remove contaminated clothing.
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation Move the exposed person to fresh air.
Ingestion DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

5. FIRE FIGHTING MEASURES

Extinguishing media Use as appropriate: carbon dioxide (CO₂), dry chemical, foam.
Protective equipment Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Keep personnel away from spill. Evacuate personnel to a safe area.
Environmental precautions Do not allow product to enter drains.
Clean up methods Absorb with inert, absorbent material.

7. HANDLING AND STORAGE

Handling Wear suitable protective equipment.

Storage Store at temperatures between 10 °C and 30 °C. Keep in a cool, dry, well ventilated area. Store in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits
Barium Sulphate

(Barium sulphate respirable dust)

WEL 8-hr limit ppm: -

WEL 15 min limit ppm: -

WEL 8-hr limit mg/m³: 4

WEL 15 min limit mg/m³: -

Barium Sulphate

(Barium sulphate respirable dust)

WEL 8-hr limit ppm: -

WEL 15 min limit ppm: -

WEL 8-hr limit mg/m³: 10

WEL 15 min limit mg/m³: -

Hand protection Rubber gloves.

Eye protection Safety glasses.

Protective equipment Adopt best Manual Handling considerations when handling, carrying and dispensing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description Liquid.

Colour Cream.

Odour Characteristic.

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Materials to avoid Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Repeated or prolonged exposure Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

12. ECOLOGICAL INFORMATION

Ecotoxicity No data is available on this product.

Degradability Not readily biodegradable.

13. DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.
Contact a licensed waste disposal company.
Disposal of packaging Empty containers can be sent for disposal or recycling.

14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

Risk phrases NSH - No Significant Hazard.

16. OTHER INFORMATION

Section 2
R10 - Flammable.

R37 - Irritating to respiratory system.
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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Deckmaster Ltd
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Ref. 20093a