

Ref: DPM-HA

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY:

Product Name: 1 COAT DPM – part A hardener

1.2 Applications: Moisture suppressant barrier over damp surfaces

1.3 Supplier: Palace Chemicals Ltd; Speke Hall Industrial Estate; Speke; Liverpool; L24 1YA
 Tel: 0151 486 6101; Fax 0151 448 1982
 e-mail: sales@palacechemicals.co.uk; web: www.palacechemicals.co.uk

1.4 Emergency Telephone No. Tel: 0151 486 6101; Fax 0151 448 1982; e-mail: jp@palacechemicals.co.uk

2. HAZARDS IDENTIFICATION:

Classification :
 (EC 1272/2008) **Acute Tox. 4: H302; Aquatic Chronic 3: H412;**
Repr. 2: H361f; Skin Corr. 1B: H314; Skin Sens. 1: H317

2.2 Label elements:
Key Word: DANGER



Hazard statements: H302: Harmful if swallowed.
 H314: Causes severe skin burns and eye damage.
 H317: May cause an allergic skin reaction.
 H361f: Suspected of damaging fertility.
 H412: Harmful to aquatic life with long lasting effects.

Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P273: Avoid release to the environment.
 P321: Specific treatment (see instructions on this label).
 P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/
 P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+313: IF exposed or concerned: Get medical advice/attention.
 P501: Dispose of contents/container to to comply with local regulations.

Supplementary precautionary statements: P272 Contaminated work clothing should not be allowed out of the workplace.
 P264 Wash contaminated skin thoroughly after handling.
 P321 Specific treatment (see medical advice on this label).
 P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P362 Take off contaminated clothing and wash before reuse.
 P403+233 Store in a well-ventilated place. Keep container tightly closed.

2.3 Other hazards: Repeated and/or prolonged exposures may result in: adverse eye effects (such as conjunctivitis or corneal damage). Contact with eyes causes severe irritation and pain. Prolonged contact may result in burns of the eye that can cause blindness. May cause mild skin irritation

3. COMPOSITION / INFORMATION ON INGREDIENTS:

3.1 Substances:
3.2 Mixtures: A POLYAMINE MIXTURE

Name:	CAS No.:	Concentration:	Classification: (EC 1272/2008)	Classification: (1999/45/EEC)
Polyamine polymer	n/a	20 - 40%	H316; H319;	R36/38
Tetraethylene pentamine	112-57-2	0.5 – 3.0%	H302; H314; H317; H411	R34; R43; R51,53
Poly[oxy(methyl-1,2-ethanediy)], .alpha.-amine	9046-10-0	1.5 – 4.0%	H314; H318; H411	R34; R51/53



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4. FIRST AID MEASURES:

4.1 Description of measures:

EYE CONTACT: Do not rub eye. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids. If irritation persists: Continue flushing during transport to hospital.

INHALATION: Remove affected person to fresh air. If nose or airways become inflamed or breathing difficulties occur and irritation persists seek medical attention.

SKIN CONTACT: Remove product and immediately flush affected area with water for at least 15 minutes. Remove contaminated clothing and shoes. Launder contaminated clothing prior to reuse. See a physician if irritation persists.

INGESTION: Clean out mouth with copious volumes of water and drink plenty. Do not induce vomiting. Seek medical attention immediately.

4.2 Acute & Chronic symptoms:

Inhalation: Symptoms associated with pre-existing lung disorders may be aggravated by over exposure to this material.

Ingestion: Harmful if swallowed. Can cause severe irritation of the mouth and throat.

Skin contact: Contact of undiluted product with skin quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.

Eye Contact: Contact of undiluted product with eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury. Burns of the eye may cause blindness.

4.3 Immediate medical attention: See First Aid measures above

5. FIRE FIGHTING MEASURES:

5.1 Extinguishing media: All components are non-flammable, although plastic buckets may well smoulder & combust. Use extinguisher appropriate to the surrounding materials & fire.

5.2 Combustion Hazards: May generate ammonia gas. May generate toxic nitrogen oxide gases. Use of water may result in the formation of very toxic aqueous solutions. Do not allow run-off from fire fighting to enter drains or water courses. Incomplete combustion may form carbon monoxide. Downwind personnel must be evacuated. Burning produces noxious and toxic fumes.

5.3 Advice for fire-fighters: Wear self-contained breathing apparatus with full face piece and protective clothing

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal protection: Avoid contact with eyes and prolonged skin contact.

6.2 Environmental precautions: Spill response procedures (include employee protection measures): Dam and absorb spill with absorbent materials, minimize breathing vapours. Increase ventilation. Wear impervious gloves, safety goggles.

6.3 Spill removal methods: Preparing wastes for disposal (container types, neutralization, etc.): Absorb spill on sand, earth, or vermiculite. Carefully collect into closed containers for disposal. Wash spill area with 5% acetic acid then flush with water. Do not sewer. NOTE: Dispose of all wastes in accordance with local authority regulations

6.4 References to other sections: Before attempting any clean-up operation, consult the requirements for protective equipment shown in section 8 of this document.

7. HANDLING & STORAGE:

- 7.1 Safe handling precautions:** Lifting operations of no more than 1 unit at a time by a competent operator.
- 7.2 (a) Safe storage conditions:** Store in sealed, clearly marked sacks. Keep out of reach of children in a cool well-ventilated environment.
- 7.2 (b) Incompatible materials:** Avoid exposure to acids and oxidising agents when in storage prior to use
- 7.3 Specific end uses:** As defined in technical data sheet

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

8.1 Control parameters

Substance:	8 hour exposure limit	Type:	Source:
	N/A		

8.2 Exposure controls:

Engineering controls: Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of skin & eye contact by using contained mixing & application practices where practical.

Respiratory protections: In confined and unventilated areas, a NIOSH approved organic vapour canister type respirator should be worn.

Hand protection: Nitrile rubber impermeable gloves. In emergency situations, wear impermeable gloves with cuffs to prevent spread of material to area above the wrists.

Eye protection: Chemical grade Goggles or Visors wherever there is a risk of dust or paste entering the eyes.

Other Protection: PVC overalls with elasticated cuffs and closed neck should be worn and laundered immediately after use. Particular care should be taken to ensure that wet adhesive does not enter the boots, gloves or any other items of protective clothing

Hygiene measures: Wash at the end of each work shift and before eating, smoking or using the toilet. Launder or discard contaminated clothing. Discard contaminated leather articles. Examine protective gloves before using. Discard if find evidence of holes or cracks



9. PHYSICAL & CHEMICAL PROPERTIES:

Appearance: Yellow coloured liquid	Relative density: 1.10 Kg/litre
Odour: Ammonia type	Water solubility: Slight
Odour threshold: n/a	Solubility in oils: n/a
pH: n/a	Partition coefficient (Kow): n/a
Flash point: n/a	Auto-ignition temperature: n/a
Melting point: n/a	Decomposition temperature: n/a
Boiling point: n/a	Surface tension: n/a
Evaporation rate: n/a	Viscosity: n/d
Upper/Lower Flam limits: n/a	Explosive properties: n/a
Vapour pressure: n/a	Oxidising properties: n/a
Vapour density: n/a	Particle size: n/a



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10. STABILITY & REACTIVITY:

10.1 Conditions to avoid:	High temperature during storage	10.4 Reactivity:	Stable
10.2 Incompatible Materials:	Acids & oxidising agents	10.5 Chemical reactivity:	n/d
10.3 Decomposition hazards:	Stable	10.6 Risk of hazardous reaction:	Not known

11. TOXICOLOGICAL INFORMATION:

11.1 Information on toxicological effects: This product has not been exhaustively tested. Judgements on the expected toxicity of this product have been made based upon consideration of its' major components.

Polyamide resin – Oral (Rat) LD50 >2000mg/kg Irritation data skin- rabbit: >2000mg/kg corrosive eye – rabbit: severe

12. ECOLOGICAL INFORMATION:

12.1 Ecotoxicity:	Daphnia Magna EC50 >10 mg/liter after 24 hours Daphnia Magna EC50 >1.21 mg/liter after 48 hours		
12.2 Bio-accumulative potential:	No data available	12.4 PBT and vPvB result:	Not relevant
12.3 Persistence & degradability:	Not biodegradable..	12.5 Other adverse effects:	Avoid contamination of watercourses.
		12.6 Mobility in soil:	n/d

13. DISPOSAL CONSIDERATIONS:

13.1 Waste treatment Methods: To be disposed in accordance with local authority regulations for builders waste. Allow to harden and dispose of the hardened product as solid waste. Unused product must be disposed as special waste and notified to an accredited disposal agent in accordance with local authority regulations.

14. TRANSPORT INFORMATION:

Transport Labels:
Not classified as Dangerous to Transport

Regulatory Code (Land, Sea & Air):	ADR	IMDG	ICAO
14.1 UN No.:	UN 3267	UN 3267	UN 3267
14.2 Proper shipping name:	Corrosive liquid, basic, organic N.O.S.	Corrosive liquid, basic, organic N.O.S.	Corrosive liquid, basic, organic N.O.S.
14.3 ADR Packing Group:	III	III	III
14.4 Transport Hazard Class:	8	8	8
14.5 Environmental hazards.	No	No	No
14.6 Special user precautions:	Read SDS	Read SDS	Read SDS
14.7 Transport in bulk – IBC code:	N/A		



15. REGULATORY INFORMATION:

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

All components are listed as existing substances in Europe

UK Regulatory References:

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Environmental Listing - Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980.

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.

Guidance Notes:

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

EU Legislation:

Dangerous Substance Directive 67/548/EEC.

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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.

National Regulations:

Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

Authorisations (Title VII Regulation 1907/2006) - No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006) - No specific restrictions of use are noted for this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

16. OTHER INFORMATION:

Last revision date: 02-10-18

SDS No.: DPM-HA

List of abbreviations used in this SDS:

CAS	Chemical abstracts service
CLP	Classification, labelling & packaging regulation (EC) No. 1272/2008
DSD	Dangerous substances Directive 67/548/EEC
DPD	Dangerous Products Directive 1999/45/EC
PBT	Persistent, Bio-accumulative & Toxic
REACH	Registration, Evaluation, Authorisation & Restriction of Chemicals Regulation (EC) 1907/2006
vPvB	Very Persistent, very Bio-accumulative

References: Volume VII Approved supply list; EH40; Croner; Bulk supplier data sheets

Classification methods:

R phrases in Section 3: R34; R51/53

H Phrases in section 3: H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H361f: Suspected of damaging fertility.
H412: Harmful to aquatic life with long lasting effects.

Training for workers:

Disclaimer:

The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work. This data sheet complies with EC Directive 91/155EC.

Ref: DPM-RB

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY:

Product Name: 1 COAT DPM – part B resin

1.2 Applications: Moisture suppressant barrier over damp surfaces

1.3 Supplier: Palace Chemicals Ltd; Speke Hall Industrial Estate; Speke; Liverpool; L24 1YA
 Tel: 0151 486 6101; Fax 0151 448 1982
 e-mail: sales@palacechemicals.co.uk; web: www.palacechemicals.co.uk

1.4 Emergency Telephone No. Tel: 0151 486 6101; Fax 0151 448 1982; e-mail: jp@palacechemicals.co.uk

2. HAZARDS IDENTIFICATION:

Classification :
 (EC 1272/2008) Eye Dam. 1; H319 – Causes serious eye irritation
Skin corrosion/irritation Category 2 – H315
Skin sensitisation Category 1; H317
Hazardous to the aquatic environment, long-term aquatic hazard – H411

2.2 Label elements:

Key Word: DANGER



Hazard statements: H315 - Causes skin irritation.
 H317 - May cause an allergic skin reaction.
 H411 - Toxic to aquatic life with long lasting effects.
 H319 - Causes serious eye irritation.

Precautionary statements:

P261 - Avoid breathing mist or vapour.
 P264 - Wash thoroughly after handling.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves and eye/face protection.
 P273 - Avoid release to the environment.
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention.
 P362 + P364 - Take off contaminated clothing and wash it before reuse.
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 - If eye irritation persists: Get medical advice/attention. P391 - Collect spillage.
 P501 - Dispose of contents/container in accordance with local authority regulations.

Supplementary precautionary statements:

2.3 Other hazards:

Vapour may cause eye irritation experienced as mild discomfort and redness. A component in this mixture has caused allergic skin reactions in humans. Contains component(s) which have caused allergic skin sensitization in guinea pigs.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

3.1 Substances:

3.2 Mixtures: A blend of epoxy resin hardeners; diluents and additives

Name:	CAS No.:	Concentration:	Classification: (EC 1272/2008)	Classification: (1999/45/EEC)
Propane, 2,2-bis[p-(2,3epoxypropoxy)phenyl]- polymers	25085-99-8	45 - 52%	H317; H319;	R36/38
Reaction product: Bisphenol F-(epichlorohydrin); epoxy	28064-14-4	10.0 – 17.0%	H315; H317; H319; H411	R36/38
Alkyl(C12-14) glycidyl ether	68609-97-2	7.0 – 14.0%	H317; H319;	R36/38



4. FIRST AID MEASURES:

4.1 Description of measures:

EYE CONTACT: Do not rub eye. Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids. If irritation persists: Continue flushing during transport to hospital.

INHALATION: Remove affected person to fresh air. If nose or airways become inflamed or breathing difficulties occur and irritation persists seek medical attention.

SKIN CONTACT: Remove product and immediately flush affected area with water for at least 15 minutes. Remove contaminated clothing and shoes. Launder contaminated clothing prior to reuse. See a physician if irritation persists.

INGESTION: Clean out mouth with copious volumes of water and drink plenty. Do not induce vomiting. Seek medical attention immediately.

4.2 Acute & Chronic symptoms:

Inhalation: Symptoms associated with pre-existing lung disorders may be aggravated by over exposure to this material.

Ingestion: Harmful if swallowed. Can cause severe irritation of the mouth and throat.

Skin contact: Contact of undiluted product with skin quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.

Eye Contact: Contact of undiluted product with eyes quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury. Burns of the eye may cause blindness.

4.3 Immediate medical attention: See First Aid measures above

5. FIRE FIGHTING MEASURES:

5.1 Extinguishing media: Plastic buckets may well smoulder & combust. Use extinguisher appropriate to the surrounding materials & fire.

5.2 Combustion Hazards: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Phenolics. Carbon monoxide. Carbon dioxide. Burning produces noxious and toxic fumes.

5.3 Advice for fire-fighters: Wear self-contained breathing apparatus with full face piece and protective clothing

6. ACCIDENTAL RELEASE MEASURES:

6.1 Personal protection: Avoid contact with eyes and prolonged skin contact.

6.2 Environmental precautions: Spill response procedures (include employee protection measures): Dam and absorb spill with absorbent materials, minimize breathing vapours. Increase ventilation. Wear impervious gloves, safety goggles.

6.3 Spill removal methods: Preparing wastes for disposal (container types, neutralization, etc.): Absorb spill on sand, earth, or vermiculite. Carefully collect into closed containers for disposal. Wash spill area with 5% acetic acid then flush with water. Do not sewer. NOTE: Dispose of all wastes in accordance with local authority regulations

6.4 References to other sections: Before attempting any clean-up operation, consult the requirements for protective equipment shown in section 8 of this document.

7. HANDLING & STORAGE:

- 7.1 Safe handling precautions:** Lifting operations of no more than 1 unit at a time by a competent operator.
- 7.2 (a) Safe storage conditions:** Store in sealed, clearly marked sacks. Keep out of reach of children in a cool well-ventilated environment.
- 7.2 (b) Incompatible materials:** Avoid exposure to acids and oxidising agents when in storage prior to use
- 7.3 Specific end uses:** As defined in technical data sheet

8. EXPOSURE CONTROLS & PERSONAL PROTECTION:

8.1 Control parameters

Substance:	8 hour exposure limit	Type:	Source:
	No data available.		

8.2 Exposure controls:

Engineering controls: Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of skin & eye contact by using contained mixing & application practices where practical.

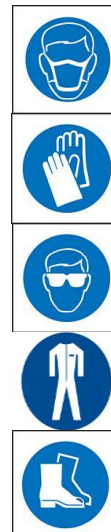
Respiratory protections: In confined and unventilated areas, a NIOSH approved vapour canister type respirator should be worn.

Hand protection: Nitrile rubber impermeable gloves. In emergency situations, wear impermeable gloves with cuffs to prevent spread of material to area above the wrists.

Eye protection: Chemical grade Goggles or Visors wherever there is a risk of dust or paste entering the eyes.

Other Protection: PVC overalls with elasticated cuffs and closed neck should be worn and laundered immediately after use. Particular care should be taken to ensure that wet adhesive does not enter the boots, gloves or any other items of protective clothing

Hygiene measures: Wash at the end of each work shift and before eating, smoking or using the toilet. Launder or discard contaminated clothing. Discard contaminated leather articles. Examine protective gloves before using. Discard if find evidence of holes or cracks



9. PHYSICAL & CHEMICAL PROPERTIES:

<p>Appearance: Black liquid</p> <p>Odour: slight</p> <p>Odour threshold: n/a</p> <p>pH: n/a</p> <p>Flash point: n/a</p> <p>Melting point: n/a</p> <p>Boiling point: n/a</p> <p>Evaporation rate: n/a</p> <p>Upper/Lower Flam limits: n/a</p> <p>Vapour pressure: n/a</p> <p>Vapour density: n/a</p>	<p>Relative density: 1.29 Kg/litre</p> <p>Water solubility: Insoluble</p> <p>Solubility in oils: n/a</p> <p>Partition coefficient (Kow): n/a</p> <p>Auto-ignition temperature: n/a</p> <p>Decomposition temperature: n/a</p> <p>Surface tension: n/a</p> <p>Viscosity: n/d</p> <p>Explosive properties: n/a</p> <p>Oxidising properties: n/a</p> <p>Particle size: n/a</p>
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10. STABILITY & REACTIVITY:

10.1 Conditions to avoid:	High temperature during storage	10.4 Reactivity:	Stable
10.2 Incompatible Materials:	Acids & oxidising agents	10.5 Chemical reactivity:	n/d
10.3 Decomposition hazards:	Stable	10.6 Risk of hazardous reaction:	Not known

11. TOXICOLOGICAL INFORMATION:

11.1 Information on toxicological effects: This product has not been exhaustively tested. Judgements on the expected toxicity of this product have been made based upon consideration of its' major components.

Polyamide resin – Oral (Rat) LD50 >2000mg/kg Irritation data skin- rabbit: >2000mg/kg corrosive eye – rabbit: severe

12. ECOLOGICAL INFORMATION:

12.1 Ecotoxicity:	Toxicity to aquatic species occurs at concentrations above material's water solubility. This product is not identified as a PBT/vPvB substance		
12.2 Bio-accumulative potential:	No data available	12.4 PBT and vPvB result:	Not relevant
12.3 Persistence & degradability:	Partially biodegradable..	12.5 Other adverse effects:	Avoid contamination of watercourses.
		12.6 Mobility in soil:	n/d

13. DISPOSAL CONSIDERATIONS:

13.1 Waste treatment Methods: To be disposed in accordance with local authority regulations for builders waste.
Allow to harden and dispose of the hardened product as solid waste. Unused product must be disposed as special waste and notified to an accredited disposal agent in accordance with local authority regulations.

14. TRANSPORT INFORMATION:

Transport Labels:

For non-bulk, the MARINE POLLUTANT and Class 9 label is not required on a combination packaging for liquids, inner packs not over 5.0 L therefore this combination A, B & C pack is subject to LIMITED QUANTITY labelling

Note: Inner unit pack size is less than 5 litre..

Regulatory Code (Land, Sea & Air):	ADR	IMDG	ICAO
14.1 UN No.:	3082	3082	Do not air freight
14.2 Proper shipping name:	Environmentally Hazardous Substance Liquid, n.o.s.	Environmentally Hazardous Substance Liquid, n.o.s.	
14.3 ADR Packing Group:	II	II	
14.4 Transport Hazard Class:	9	9	
14.5 Environmental hazards.	Marine Pollutant	Marine Pollutant	
14.6 Special user precautions:			
14.7 Transport in bulk – IBC code:			



15. REGULATORY INFORMATION:

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

All components are listed as existing substances in Europe

UK Regulatory References:

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments. Chemicals (Hazard Information & Packaging) Regulations.

Environmental Listing - Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980.

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.

Guidance Notes:

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

EU Legislation:

Dangerous Substance Directive 67/548/EEC.

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), establishing a European

Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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.

National Regulations:

Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

Authorisations (Title VII Regulation 1907/2006) - No specific authorisations are noted for this product.

Restrictions (Title VIII Regulation 1907/2006) - No specific restrictions of use are noted for this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

16. OTHER INFORMATION:

Last revision date: 04-10-18

SDS No.: DPM-RB

List of abbreviations used in this SDS:

CAS	Chemical abstracts service
CLP	Classification, labelling & packaging regulation (EC) No. 1272/2008
DSD	Dangerous substances Directive 67/548/EEC
DPD	Dangerous Products Directive 1999/45/EC
PBT	Persistent, Bio-accumulative & Toxic
REACH	Registration, Evaluation, Authorisation & Restriction of Chemicals Regulation (EC) 1907/2006
vPvB	Very Persistent, very Bio-accumulative

References: Volume VII Approved supply list; EH40; Croner; Bulk supplier data sheets

Classification methods:

R phrases in Section 3: R10; R20/21; R36/38

H Phrases in section 3: H315 - Causes skin irritation
H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled
H411 - Toxic to aquatic life with long lasting effects

Training for workers:

Disclaimer:

The information supplied in this safety data sheet is intended to assist in the use of the above product without risk to safety and health and is based on current knowledge and experience of the associated physico-chemical hazards. The data does not signify any warranty with regard to the product's properties. This information may be used to assist in formulating a COSHH risk assessment if applied at work. This data sheet complies with EC Directive 91/155EC.



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