

Centrecoat Armourcoat WB 2-80 Coloured Base

Page 1/8

Revision 2
Revision date 2017-01-25

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

1.1. Product identifier

Product name Centrecoat Armourcoat WB 2-80 Coloured - Base

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

Description Restricted to professional users.
Component Of A Two Pack Epoxy Flooring Coating.

1.3. Details of the supplier of the safety data sheet

Company Promain UK Limited
Address Promain House C1
Pierson Court Knowl
Piece, Hitchin
Hertfordshire
SG4 0TY
Web www.promain.co.uk
Telephone 01462 421333
Fax -
Email info@promain.co.uk

1.4. Emergency telephone number

Emergency telephone number 01462 421333
8.30am - 5.30pm Mon - Thurs. 8.30am - 4.30pm Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC Xi; R36/38-43 N; R51/53
Symbols: Xi: Irritant. N: Dangerous for the environment.

Main hazards Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.1.2. Classification - EC 1272/2008 Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319; Aquatic Chronic 2: H411;

2.2. Label elements

Hazard pictograms



Signal Word

Warning

Hazard Statement

Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.

Print date 2017-01-25

Centrecoat Armourcoat WB 2-80 Coloured - Base

Revision 2

Revision date 2017-01-25

2.2. Label elements

Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321 - Specific treatment (see on this label). P332+P313 - If skin irritation occurs: Get medical advice/attention. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention. P391 - Collect spillage.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to local and national regulations

2.3. Other hazards

Other hazards	No data available.
----------------------	--------------------

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5	01-2119456619-26	30 - 40%	Xi; R36/38 R43 N; R51/53	
Neodecanoic acid glycidyl ester		26761-45-5			1 - 10%		
Glycidylether of a C12/C14-alcohol mixture		68609-97-2	271-846-8	01-2119485289-22	1 - 10%		
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		1 - 10%	Xn; R20/21/22 Xi; R36/38	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Bisphenol A-(epichlorhydrin) (reaction product)	603-074-00-8	25068-38-6	500-033-5	01-2119456619-26	30 - 40%	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411;	
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		1 - 10%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315;	
Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-		9016-45-9			0.5 - 1%	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; Aquatic Chronic 2: H411;	

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Flush Immediately eye thoroughly with clean water. Consult a physician immediately if irritation persists.
Skin contact	Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.
Ingestion	DO NOT induce the patient to vomit, medical advice is required.

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

Eye contact	Irritating to eyes.
Skin contact	Irritating to skin.

Print date 2017-01-25

Centrecoat Armourcoat WB 2-80 Coloured - Base

Revision 2

Revision date 2017-01-25

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

Ingestion	DO NOT INDUCE VOMITING.
-----------	-------------------------

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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Seek medical attention if irritation or symptoms persist.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO2). Foam. Water spray, fog or mist.
--	---

5.2. Special hazards arising from the substance or mixture

	Fire will produce dense black smoke.
--	--------------------------------------

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary. Protective equipment.
--	---

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Isolate area. Keep unnecessary and unprotected personnel from entering the area. Use appropriate safety equipment.
--	--

6.2. Environmental precautions

	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
--	---

6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material.
--	--

6.4. Reference to other sections

	Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.
--	---

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid prolonged skin contact. After contact with skin, wash immediately with plenty of water and soap.
--	--

7.2. Conditions for safe storage, including any incompatibilities

	Store in original container.
--	------------------------------

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

	Are listed on the following items according to where it is going to be used.
--	--

8.1.1. Exposure Limit Values

Centrecoat Armourcoat WB 2-80 Coloured - Base


Revision 2

Revision date 2017-01-25

8.1.1. Exposure Limit Values

Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25	WEL 8-hr limit mg/m3: 123
	WEL 15 min limit ppm: 50	WEL 15 min limit mg/m3: 101.2
	WEL 8-hr limit mg/m3 total - inhalable dust:	WEL 15 min limit mg/m3 total - inhalable dust:
	WEL 8-hr limit mg/m3 total - respirable dust:	WEL 15 min limit mg/m3 total - respirable dust:

8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
Eye / face protection	safety glasses with side-shields.
Skin protection - Handprotection	Wear suitable gloves.
Skin protection - Other	Wear suitable protective clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Various
Odour	Mild
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

9.2. Other information

Centrecoat Armourcoat WB 2-80 Coloured - Base

Revision 2
Revision date 2017-01-25

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	< 140

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

This product is stable if stored and handled as prescribed/indicated.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

Avoid temperatures above 300oC. Potentially violent decomposition can occur above 350oC. Generation of gas during decomposition can cause pressure in closed systems. Pressure build-up can ve rapid.

10.5. Incompatible materials

Acids. Bases. Oxidising agents.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	No data is available on this product.
Serious eye damage/irritation	No data is available on this product.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.

11.1.4. Toxicological Information

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

Centrecoat Armourcoat WB 2-80 Coloured - Base

Revision 2

Revision date 2017-01-25

Partition coefficient

Centrecoat Armourcoat WB 2-80 Coloured - Base No data available

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data is available on this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 91/869/EEC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residue materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.

Further information

Further information on waste can be obtained from the document "Guidance on the Classification and Assessment of Waste, Technical guidance WM3.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN3082

14.2. UN proper shipping name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ((Epoxy Resin))

14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9
Subsidiary risk	-
IATA	9
Subsidiary risk	-

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

14.6. Special precautions for user

Use in conjunction with Manufacturers recommended guidelines.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Centrecoat Armourcoat WB 2-80 Coloured - Base

Revision 2

Revision date 2017-01-25

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

ADR/RID

Hazard ID	90
Tunnel Category	(E)

IMDG

EmS Code	F-A S-F
----------	---------

IATA

Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

SECTION 15: Regulatory information

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

"COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on 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".

"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".

15.2. Chemical safety assessment

For advice on essential measures see sections 7 and 8 of this safety data sheet.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 2 - Hazard pictograms. 12 - 12.1. Toxicity.
Text of risk phrases in Section 3	R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R36/38 - Irritating to eyes and skin. R43 - May cause sensitisation by skin contact. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Text of Hazard Statements in Section 3	Skin Irrit. 2: H315 - Causes skin irritation. Skin Sens. 1: H317 - May cause an allergic skin reaction. Eye Irrit. 2: H319 - Causes serious eye irritation. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H312 - Harmful in contact with skin. Acute Tox. 4: H332 - Harmful if inhaled. Eye Dam. 1: H318 - Causes serious eye damage.
Product Subcategory	Two-pack reactive performance coatings for specific end use such as floors - 140 g/l.
Maximum content of VOC	140.

Print date 2017-01-25

Centrecoat Armourcoat WB 2-80 Coloured - Base

Revision 2

Revision date 2017-01-25

General information

	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.
--	--

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.
--	--
