

Centrecoat
Polyaspartic Line
Marking 30
Base

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Revision 0

Revision date 2020-02-21

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name	Centrecoat Polyaspartic Line Marking 30 - Base
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC9a] Coatings and paints, thinners, paint removers; ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC9a] Coatings and paints, thinners, paint removers;
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1.3. Details of the supplier of the safety data sheet

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


1.4. Emergency telephone number

Emergency telephone number	01462 421333 8.30am - 16.30pm Mon - Fri
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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

2.1.2. Classification - EC 1272/2008	Skin Sens. 1: H317; Aquatic Chronic 3: H412;
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.

2.2. Label elements

Precautionary Statement: Prevention	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. 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/ . P321 - Specific treatment (see on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)b s-dl-aspartate. .	607-521-00-8	136210-30-5	429-270-1	01-0000017556-64	90 - 100%	Skin Sens. 1: H317; Aquatic Chronic 3: H412;

SECTION 4: First aid measures

4.1. Description of first aid measures

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

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

Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	Ingestion may cause nausea and 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	If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon oxides. Dry chemical. Foam. Water spray. Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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5.3. Advice for firefighters

	Wear self contained breathing apparatus and protective clothing. Do not allow runoff water to enter sewers or drains.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1. Personal precautions, protective equipment and emergency procedures

	Avoid contact with skin and eyes. Ensure adequate ventilation of the working area.
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6.2. Environmental precautions

	Do not allow product to enter drains. Do not flush into surface water. Prevent further spillage if safe.
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6.3. Methods and material for containment and cleaning up

	Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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6.4. Reference to other sections

	See section 8 for further information. See section 13 for further information.
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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

	Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in original container.
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7.3. Specific end use(s)

	See section 1.2 for further information.
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SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

	No exposure limit known. If this product contains ingredients with exposure limits, personal workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures. This product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.
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8.2. Exposure controls**8.2.1. Appropriate engineering controls**

	Ensure adequate ventilation of the working area.
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8.2.2. Individual protection measures

	Wear suitable protective equipment. Keep away from food, drink and animal feedingstuffs.
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Eye / face protection

	Safety glasses.
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Skin protection -**Handprotection**

	Wear suitable gloves. Butyl rubber gloves. Nitrile rubber gloves.
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Skin protection - Other

	Wear suitable protective clothing.
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Respiratory protection

	Not normally required. Wear suitable respiratory equipment when necessary.
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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Slight
Odour threshold	No data available
pH	No data available
Melting point	-2 °C
Freezing Point	No data available
Initial boiling point	No data available
Flash point	100 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	< 0.002 Pa
Vapour density	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	5.16 log P
Autoignition temperature	No data available
Decomposition temperature	234 °C
Viscosity	2030 mPas (Cone & Plate)
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Immiscible in water

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	0 %
Lead content	0 %
VOC (Volatile organic compounds)	0 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

Heat will increase pressure in sealed containers.

10.5. Incompatible materials

No Significant Hazard.

10.6. Hazardous decomposition products

Will not decompose if stored and used as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	Irritating to eyes.
Respiratory or skin sensitisation	May cause sensitisation by skin contact.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No carcinogenic effects reported. No cumulative effects reported.
Reproductive toxicity	No teratogenic effects reported.
Repeated or prolonged exposure	Sensitizer, Skin.

11.1.4. Toxicological Information

tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate. .	Dermal Rat LD50: >2000mg/kg	Oral Rat LD50: >2000mg/kg
	Inhalation Rat LC50/4 h: >4,224mg/kg	

SECTION 12: Ecological information

12.1. Toxicity

tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate. .	Daphnia EC50/48h: 88.6000 mg/l	Algae IC50/72h: 113 mg/l
	Fish LC50/96h: 66.0000 mg/l	

12.2. Persistence and degradability

	Not readily biodegradable.
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12.3. Bioaccumulative potential

	Low.
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Partition coefficient

	- Base 5.16 log P
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12.4. Mobility in soil

	No data is available on this product.
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12.5. Results of PBT and vPvB assessment

	No data is available on this product.
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12.6. Other adverse effects

	Harmful to aquatic organisms.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

	08 02 99 wastes not otherwise specified.
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Disposal methods

	The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by products should at all times
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Disposal methods

	comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. Waste packaging should be recycled if possible. Incineration should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned. Empty containers or liners may still contain residue. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
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Disposal of packaging

	Do not empty into drains. Do NOT reuse empty containers. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.
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SECTION 14: Transport information

14.1. UN number

	The product is not classified as dangerous for carriage.
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14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
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14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
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14.4. Packing group

	The product is not classified as dangerous for carriage.
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14.5. Environmental hazards

	The product is not classified as dangerous for carriage.
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14.6. Special precautions for user

	The product is not classified as dangerous for carriage.
	Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of a spillage.

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

	The product is not classified as dangerous for carriage.
	See regulatory information for transport approvals.

SECTION 15: Regulatory information

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

Regulations	<p>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.</p> <p>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.</p>
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15.2. Chemical safety assessment

	This product contains substances for which Chemical Safety Assessments are still required.
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SECTION 16: Other information

Other information

Other information

Text of Hazard Statements in Section 3	Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.
Maximum content of VOC	0 g/l.