

Centrecoat Mortar Epoxy Tack Primer Curing Agent

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Revision 1

Revision date 2020-07-02

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

1.1. Product identifier

Product name Centrecoat Mortar Epoxy Tack Primer - Curing Agent

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

Product Use [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC9a] Coatings and paints, thinners, paint removers; [PROC10] Roller application or brushing; [ERC2] Formulation of preparations;

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 01302 300822
 9.00am - 5.00pm Mon - Fri

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008 Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Repr. 2: H361d; Aquatic Chronic 3: H412;

2.2. Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

Acute Tox. 4: H302 - Harmful if swallowed.
 Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.
 Skin Sens. 1: H317 - May cause an allergic skin reaction.
 Acute Tox. 4: H332 - Harmful if inhaled.
 Repr. 2: H361d - Suspected of damaging the unborn child.

2.2. Label elements

| | |
|--|--|
| Precautionary Statement: Prevention | <p>Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.</p> <p>P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 - Use only outdoors or in a well-ventilated area. 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.</p> |
| Precautionary Statement: Response | <p>P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting. P302+P352 - IF ON SKIN: Wash with plenty of water/ . 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. P308+P313 - IF exposed or concerned: Get medical advice/attention. P310 -Immediately call a POISON CENTER/doctor/ . P312 - Call a POISON CENTER/doctor/ /if you feel unwell. P321 - Specific treatment (see on this label). P330 - Rinse mouth. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P363 - Wash contaminated clothing before reuse.</p> |
| Precautionary Statement: Storage | P405 - Store locked up. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to |

2.3. Other hazards

| | |
|----------------------|---------------------------------------|
| Other hazards | No data is available on this product. |
|----------------------|---------------------------------------|

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 |
|--|--------------|-------------|-----------|---------------------------|--------------|---|
| Benzyl alcohol | 603-057-00-5 | 100-51-6 | 202-859-9 | 01-2119492630-38 | 30 - 40% | Acute Tox. 4: H332; Acute Tox. 4: H302; |
| 3-Aminomethyl-3,5,5-trimethylcyclohexylamine | 612-067-00-9 | 2855-13-2 | 220-666-8 | 01-2119514687-32 | 10 - 20% | Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Chronic 3: H412; |
| m-xylylenediamine | | 1477-55-0 | 216-032-5 | 01-2119480150-50 | 10 - 20% | Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Aquatic Chronic 3: H412; |
| Salicylic Acid | | 69-72-7 | 200-712-3 | 01-2119486984-17 | 1 - 10% | Acute Tox. 4: H302; Eye Dam. 1: H318; Repr. 2: H361d; |
| 4,4'-Isopropylidenediphol, oligomeric reaction products with 1-chloro-2,3-epoxypropane, reaction products with m-phenylenebis(methylamine) | | 113930-69-1 | | | 1 - 10% | Acute Tox. 4: H302; Skin Sens. 1: H317; 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 | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Skin contact | Wash off immediately with plenty of soap and water. Remove contaminated clothing. |
| Ingestion | Move the exposed person to fresh air. 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 | Risk of serious damage to eyes. |
| Skin contact | May cause irritation to skin. |
| Ingestion | HARMFUL IF SWALLOWED. Causes burns. |

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

| | |
|--------------|--|
| Inhalation | If you feel unwell, seek medical advice (show the label where possible). |
| Eye contact | Seek medical attention. |
| Skin contact | Seek medical attention if irritation or symptoms persist. |
| Ingestion | Seek urgent medical attention. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

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| | Use extinguishing media appropriate to the surrounding fire conditions. Carbon oxides. Dry chemical. Foam. Do NOT use water jet. |
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5.2. Special hazards arising from the substance or mixture

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

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| | Wear self contained breathing apparatus and protective clothing. |
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Further information

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| | Dispose of as special waste in compliance with official regulations. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

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| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|---|

6.3. Methods and material for containment and cleaning up

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| | Absorb with inert, absorbent material. 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

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| | See section 8 for further information. See section 13 for further information. |
|--|---|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

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

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

This product does not contain any relevant quantities of materials with critical values that have to be monitored in the workplace.
 WEL-8hr Limit - 90mg/m³, (Benzyl Alcohol).

8.2. Exposure controls



8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Handprotection

Wear suitable gloves.

Skin protection - Other

Wear suitable protective clothing.

Respiratory protection

Wear suitable respiratory equipment when necessary.

Occupational exposure controls

Keep away from food, drink and animal feedingstuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|----------------------------------|-------------------------------------|
| Appearance | Liquid |
| Colour | Light yellow |
| Odour | Characteristic |
| Flash point | 100 °C |
| Vapour pressure | 10 Pa |
| Autoignition temperature | 380 °C |
| Viscosity | 200 mPas (Cone & Plate) |
| Relative density | 1.06 (H ₂ O = 1 @ 20 °C) |
| Fat Solubility | No data available |
| Partition coefficient | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Vapour density | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| pH | No data available |
| Melting point | No data available |
| Freezing Point | No data available |
| Initial boiling point | > 200 °C |
| Solubility | Insoluble in water |

9.2. Other information

9.2. Other information

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

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

Reacts with. Acids. Alkalis. Oxidising agents.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

No data is available on this product.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | May cause severe irritation to skin, eyes and mucous membranes. |
| Serious eye damage/irritation | Risk of serious damage to eyes. Strong caustic effect. |
| Respiratory or skin sensitisation | May cause sensitisation by skin contact. |
| Germ cell mutagenicity | No mutagenic effects reported. |
| Reproductive toxicity | No teratogenic effects reported. Suspected of damaging the unborn child. |

11.1.4. Toxicological Information

| | | |
|---|-------------------------------|-------------------------------|
| 3-Aminomethyl-3,5,5-trimethylcy clohexylamine | Dermal Rat LD50: >2000mg/kg | Oral Rat LD50: 1030mg/kg |
| | Dermal Rabbit LD50: 1840mg/kg | |
| Benzyl alcohol | Oral Rat LD50: 1230mg/kg | Dermal Rabbit LD50: 2000mg/kg |

11.1.13. Other information

Swallowing will lead to a strong caustic effect on mouth and throat and danger of perforation of esophagus and stomach.

SECTION 12: Ecological information

12.1. Toxicity

| | | |
|---|---------------------------------|-------------------------------|
| 3-Aminomethyl-3,5,5-trimethylcy clohexylamine | Daphnia EC50/48h: 23 mg/l | Algae IC50/72h: 50.0000 mg/l |
| | Fish LC50/96h: 110.0000 mg/l | |
| Benzyl alcohol | Daphnia EC50/48h: 400.0000 mg/l | Algae IC50/72h: 640.0000 mg/l |
| | Fish LC50/96h: 645.0000 mg/l | |

12.2. Persistence and degradability

No data is available on this product.

PBT

Not applicable.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

| | |
|----------|-------------------|
| - Curing | No data available |
| Agent | |

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

Dispose of in compliance with all local and national regulations.

General information

08 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS.
08 02 wastes from MFSU of other coatings (including ceramic materials).
08 02 99 wastes not otherwise specified.

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 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.

Disposal of packaging

Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Do NOT reuse empty containers.

SECTION 14: Transport information

Hazard pictograms



| | |
|-----------------|--------|
| 14.1. UN number | |
| | UN2735 |

| | |
|-------------------------------|--|
| 14.2. UN proper shipping name | |
| | AMINES, LIQUID, CORROSIVE N.O.S. (Isophoronediamine) |

| | |
|----------------------------------|---|
| 14.3. Transport hazard class(es) | |
| ADR/RID | 8 |
| Subsidiary risk | - |
| IMDG | 8 |
| Subsidiary risk | - |
| IATA | 8 |
| Subsidiary risk | - |

| | |
|---------------------|-----|
| 14.4. Packing group | |
| Packing group | III |

| | |
|-----------------------------|----|
| 14.5. Environmental hazards | |
| Environmental hazards | No |
| Marine pollutant | No |

| | |
|------------------------------------|---|
| 14.6. Special precautions for user | |
| | 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. |

| | |
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| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | |
| | For transport approval see regulatory information. |

| | |
|-----------------|-----|
| ADR/RID | |
| Hazard ID | 80 |
| Tunnel Category | (E) |

| | |
|----------|---------|
| IMDG | |
| EmS Code | F-A S-B |

| | |
|---------------------------------|------|
| IATA | |
| Packing Instruction (Cargo) | 856 |
| Maximum quantity | 60 L |
| Packing Instruction (Passenger) | 852 |
| Maximum quantity | 5 L |

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information
Other information

| | |
|---|---|
| Revision | <p>This document differs from the previous version in the following areas:.</p> <ul style="list-style-type: none"> 2 - 2.1.2. Classification - EC 1272/2008. 2 - Hazard pictograms. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 11 - Reproductive toxicity. 12 - 12.1. Toxicity. |
| Text of Hazard Statements in Section 3 | <p>Acute Tox. 4: H302 - Harmful if swallowed. Acute Tox. 4: H332 - Harmful if inhaled. Acute Tox. 4: H312 - Harmful in contact with skin. Skin Corr. 1B: H314 - Causes severe skin burns and eye damage. Skin Sens. 1: H317 - May cause an allergic skin reaction. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. Acute Tox. 4: H302+H332 - Harmful if swallowed or if inhaled Eye Dam. 1: H318 - Causes serious eye damage. Repr. 2: H361d - Suspected of damaging the unborn child. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.</p> |
| Maximum content of VOC | 0 g/l. |

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.