

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

1.1. Product identifier

Product name: Centrecoat R127 Power Floated Concrete Protector

Product code: R217

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

Use of substance / mixture: Surface Coating

1.3. Details of the supplier of the safety data sheet

Company name: Promain UK Limited

Promain House

Pierson Court, Knowl Piece Business Park

Hitchin, Hertfordshire

SG4 0TY

Tel: +44 (0) 1462 421333

Email: info@promain.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1462 421333

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Skin Sens. 1: H317

Most important adverse effects: May cause an allergic skin reaction. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

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P302+352: IF ON SKIN: Wash with plenty of water/soap.

P333+313: If skin irritation or rash occurs: Get medical advice/attention.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P391: Collect spillage.

P501: Dispose of contents/container to waste disposal.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

3-(2-AMINOETHYLAMINO)PROPYLTRIETHOXYSILANE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	1760-24-3	-	Eye Dam. 1: H318; Skin Sens. 1: H317	0.95-2.9%

METHANOL

200-659-6	67-56-1	-	Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370	0.5-0.95%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

Ingestion: Do not induce vomiting. Give water to drink Get medical attention

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises. Show this safety data sheet to the doctor in attendance.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Use: Water spray, fog or mist. Alcohol resistant foam. Carbon dioxide (CO₂). Dry powder, dry chemicals, sand, dolomite etc.. DO NOT USE WATER JET.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Avoid inhalation of vapours and contact with skin and eyes. Eliminate all ignition sources. Follow precautions for safe handling described in this safety data sheet. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions: Do not allow to enter drains, sewers or watercourses. Absorb onto earth or sand and remove to safe place. Transfer to a container for disposal or recovery.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Do not flush away with water. Take up mechanically and dispose of according to local/state/federal regulations. For small amounts absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulation. Contain larger amounts and pump up into containers. Exhaust vapours.

6.4. Reference to other sections

Reference to other sections: Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. Collect and dispose of spillages as indicated in Section 13.

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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container dry and tightly closed Protect from moisture.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

METHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	266 mg/m ³	333 mg/m ³	-	-

DNEL/PNEC Values

Hazardous ingredients:

3-(2-AMINOETHYLAMINO)PROPYLTRIETHOXYSILANE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (Long Term)	35,5 mg/m ³	Workers	Systemic
DNEL	Dermal (Acute)	5 mg/kg/day	Workers	Systemic
DNEL	Oral (Long Term)	2,5 mg/kg/day	Consumers	Systemic
DNEL	Inhalation (Long Term)	8,7 mg/m ³	Consumers	Systemic
DNEL	Dermal (Long Term)	2,5 mg/kg/day	Consumers	Systemic
PNEC	Fresh water	0,062 mg/l	-	-
PNEC	Marine water	0,0062 mg/l	-	-
PNEC	Fresh water sediments	0,05 mg/kg wet weigh	-	-
PNEC	Marine sediments	0,005 mg/kg wet weigh	-	-

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PNEC	Soil (agricultural)	0,0075 mg/kg wet wei	-	-
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METHANOL

Type	Exposure	Value	Population	Effect
DNEL	Dermal - long term	40mg/kg/day	Workers	-
DNEL	Inhalation - Long term	260mg/m3	Workers	-
DNEL	Dermal - Short term	40mg/kg/day	Workers	-
DNEL	Inhalation - Short term	260 mg/m3	Workers	-
DNEL	Dermal - Long term	8 mg/kg/day	Consumers	-
DNEL	Inhalation - Long term	50 mg/m3	Consumers	-
DNEL	Dermal - Short term	8 mg/kg/day	Consumers	-
DNEL	Dermal - Short term	50 mg/m3	Consumers	-
DNEL	Oral - Short term	8 mg/kg/day	Consumers	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Avoid exposure. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Do not eat, drink or smoke when handling. Remove contaminated, soaked clothing immediately. Clean work areas regularly. Wash hands thoroughly after handling. Wash contaminated clothing before re-use. Wash at the end of each work shift and before eating, drinking and using the toilet.

Respiratory protection: Ensure there is sufficient ventilation at all times.

Hand protection: Nitrile gloves. Butyl gloves. Breakthrough time of the glove material < 1 hour. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection: Ensure eye bath is to hand. Wear eye/face protection. Wear approved chemical safety goggles at all times. Ensuring they are tightly fitted.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Barely perceptible odour

pH: 10.5

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

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10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Moisture

10.5. Incompatible materials

Materials to avoid: Water. Basic substances and acids. Reaction causes the formation of : Methanol.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

METHANOL

IVN	RAT	LD50	2131	mg/kg
ORL	MUS	LD50	7300	mg/kg
ORL	RAT	LD50	5628	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

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12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: n/a

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

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15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H301: Toxic if swallowed.

H311: Toxic in contact with skin.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H331: Toxic if inhaled.

H370: Causes damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.