

Centrecoat Armourcoat UltraGrip 3 Pack Binder (Part C Aggregate)

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Revision 2

Revision date 2018-10-03

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

1.1. Product identifier

Product name	Centrecoat Armourcoat UltraGrip 3 Pack Binder Aggregate
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Restricted to professional users. Component of a Three Pack Polyurethane Floor Topping.
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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
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Main hazards	No Significant Hazard
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2.2. Label elements

Risk phrases	No Significant Hazard
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SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Quartz Silica Sand		14808-60-7					

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3.1. Substances

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Quartz Silica Sand		14808-60-7					

Further information

If REACH registration numbers do not appear the substance is either exempt from registration, does not meet the minimum volume threshold for registration, or the registration date has not yet come due. Refer to section 16 for full text of each relevant R-phrases and H-phrases.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	No special first aid measures. Remove to fresh air and consult a physician.
Eye contact	Wash with copious quantities of water.
Skin contact	No special first aid measures necessary.
Ingestion	Non-toxic.

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

Inhalation	No data available.
Eye contact	No data available.
Skin contact	No data available.
Ingestion	No data available.

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

Inhalation	No special first aid measures. Remove to fresh air and consult a physician.
Eye contact	Wash with copious quantities of water.
Skin contact	No special first aid measure necessary.
Ingestion	Non-toxic.

Further information

No actions are to be avoided, nor are there any special instructions for rescuers.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Does not burn, No hazardous releases in case of fire.

5.2. Special hazards arising from the substance or mixture

Not applicable.

5.3. Advice for firefighters

Not applicable.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid airborne dust generation. In case of exposure to airborne dust concentrations exceeding regulatory limits, wear a personal respirator in compliance with national legislation.
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6.2. Environmental precautions

No special requirement.

6.3. Methods and material for containment and cleaning up

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation.

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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 airbourne generation.
Provide appropriate exhaust ventilation at places where airbourne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures/Precautions.
Ensure abatement of dust produced during the loading of silos.
Keep containers closed and store/handle bagged products so as to prevent accidental bursting.

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

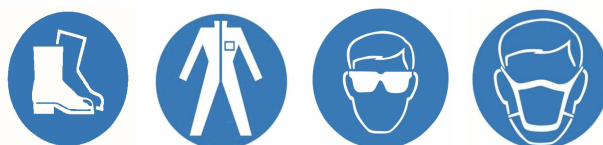
Respect workplace regulatory provisions for all types of airbourne dust (inhalable dust, respirable dust and respirable crystalline silica dust).

The workplace MEL (Maximum Exposure Limited) for respirable crystalline silica dust is 0.3 mg/m³ in the United Kingdom, measured as an 8 hour TWA (Time Weighted Average). However, the Health and Safety Executive believes it should now be reasonably practicable for all industrys sectors to control respirable crystalline silica to 0.1 mg/m³ (8 hour TWA).

8.1.1. Exposure Limit Values

Quartz Silica Sand	WEL 8-hr limit ppm:	WEL 8-hr limit mg/m ³ :
	WEL 15 min limit ppm:	WEL 15 min limit mg/m ³ :
	WEL 8-hr limit mg/m ³ total	WEL 15 min limit mg/m ³ total
	inhalable dust:	inhalable dust:
	WEL 8-hr limit mg/m ³ total 0.1	WEL 15 min limit mg/m ³ total
	respirable dust:	respirable dust:

8.2. Exposure controls



Eye / face protection

Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

Respiratory protection

In case of exposure to airbourne dust concentrations exceeding regulatory limits, wear a personal respirator that complies with the requirements of national legislation.

8.2.3. Environmental exposure controls

No special requirements.

Occupational exposure controls

Provide appropriate local exhaust ventilation in places where dust is generated. Control of occupational exposure may also be achieved by enclosing plant and equipment, by isolating personnel from dusty areas and by ensuring good standards of ventilation in the workplace.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

Appearance	Granules.
Colour	Colourless
Odour	Odourless
Odour threshold	No data available
pH	No data available
Melting point	1610
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

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Chemically stable, no particular incompatibility.

10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

No data is available on this product.

10.5. Incompatible materials

None.

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.
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11.1. Information on toxicological effects

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.

SECTION 12: Ecological information

12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

	No data is available on this product.
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Partition coefficient

	No data available	Quartz Silica Sand	No data available
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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

	No data is available on this product.
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SECTION 13: Disposal considerations

Disposal of packaging

	No specific requirements.
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Further information

Waste from residues/unused products.	Can be landfilled in compliance with local regulations. The material should be buried to prevent dust being picked up by the wind. Where possible, recycling is preferable to disposal. The substance has not been included in the EU Waste Catalogue.
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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.
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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.

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".

SECTION 16: Other information

Other information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

Revision

This document differs from the previous version in the following areas:.

3 - Further information.

9 - 9.1. Information on basic physical and chemical properties (Flash point).

9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).

9 - 9.2. Other information (Benzene Content).

9 - 9.2. Other information (Lead content).

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.