


## Centrecoat Armourcoat HF Aggregate

Page 1/7      Revision 10  
Revision date 2016-08-18

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

<b>1.1. Product identifier</b>	
Product name	Centrecoat Armourcoat HF - Aggregate
REACH	Certain ingredients are exempt according to Article 2 (Annex V.7).
<b>1.2. Relevant identified uses of the substance or mixture and uses advised against</b>	
Description	Restricted to professional users. Component Of A Three Pack Polyurethane Floor Screed.
<b>1.3. Details of the supplier of the safety data sheet</b>	
Company	Promain UK Limited
Address	C1 Pierson Court Knowl Piece Hitchin Hertfordshire SG4 0TY
Web	www.promain.co.uk
Telephone	01462 421333
Email	info@promain.co.uk
<b>1.4. Emergency telephone number</b>	
Emergency telephone number	01462 421333 08.30 - 17.30 Mon - Thur. 08.30 - 16.30 Fri

### SECTION 2: Hazards identification

<b>2.1. Classification of the substance or mixture</b>	
2.1.1. Classification - 1999/45/EC	Xi; R36 Symbols: Xi: Irritant.
Main hazards	Irritating to eyes.
2.1.2. Classification - EC 1272/2008	Skin Irrit. 2: H315; Eye Irrit. 2: H319;
<b>2.2. Label elements</b>	
Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation.

# Centrecoat Armourcoat HF - Aggregate

Revision 10  
Revision date 2016-08-18

## 2.2. Label elements

<b>Precautionary Statement: Prevention</b>	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement: Response</b>	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. P337+P313 - If eye irritation persists: Get medical advice/attention.

## 2.3. Other hazards

<b>Other hazards</b>	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.
Quartz Silica Sand		14808-60-7			50 - 60%		
Cement (Portland cement)		65997-15-1	266-043-4		10 - 20%	Xi; R36/37/38	
Calcium Hydroxide		1305-62-0		01-2119475151-45	1 - 10%	Xi; R37/38-41	

#### 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			50 - 60%		
Cement (Portland cement)		65997-15-1	266-043-4		10 - 20%	Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335;	
Calcium Hydroxide		1305-62-0		01-2119475151-45	1 - 10%	Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H335;	

## 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-phrased and H-phrased.
--	---

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove person to fresh air and support breathing as needed. Inhalation of large amounts of cement requires immediate medical attention. Consult a physician immediately.
<b>Eye contact</b>	Flush Immediately eye thoroughly with clean water. Consult a physician immediately if irritation persists.
<b>Skin contact</b>	Wash affected areas with neutral soap and clean cool water or at least 15 minutes. For reduced or blistered skin, consult a physician immediately.
<b>Ingestion</b>	Rinse out mouth, drink water, cause no vomiting and consult a physician.

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

<b>Inhalation</b>	May cause irritation to respiratory system.
<b>Eye contact</b>	Irritating to eyes.
<b>Skin contact</b>	Causes burns.
<b>Ingestion</b>	Harmful by inhalation and if swallowed.

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

<b>Inhalation</b>	Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Seek medical attention if irritation or symptoms persist.

# Centrecoat Armourcoat HF - Aggregate

Revision 10  
Revision date 2016-08-18

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

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

	Not relevant as product is imcombustible.
--	---

### 5.2. Special hazards arising from the substance or mixture

	No data is available on this product.
--	---------------------------------------

### 5.3. Advice for firefighters

	No data is available on this product.
--	---------------------------------------

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable protective clothing, gloves and eye/face protection.
--	--

### 6.2. Environmental precautions

	Avoid uncontrolled entry into the sewage system or into the outfall drain, especially after uncontrolled water addition.
--	--

### 6.3. Methods and material for containment and cleaning up

	Pick up mechanically (dry).
--	-----------------------------

### 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 dust development, Avoid skin and eye contact. During working avoid skin contact through use of appropriate protective clothing.
	Bagged aggregate is heavy and poses risk of injury during carrying. Handle with care. Use Personal Protective Equipment (PPE).

### 7.2. Conditions for safe storage, including any incompatibilities

	Protect from moisture in closed rooms and containers.
--	---

### 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 HF - Aggregate

Revision 10  
Revision date 2016-08-18

## 8.1.1. Exposure Limit Values

Calcium Hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: -	WEL 8-hr limit mg/m3: 5 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
Cement (Portland cement)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: 10 WEL 8-hr limit mg/m3 total respirable dust: 4	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: -
Quartz Silica Sand	WEL 8-hr limit ppm: WEL 15 min limit ppm: WEL 8-hr limit mg/m3 total inhalable dust: WEL 8-hr limit mg/m3 total respirable dust: 0.1	WEL 8-hr limit mg/m3: WEL 15 min limit mg/m3: WEL 15 min limit mg/m3 total inhalable dust: WEL 15 min limit mg/m3 total respirable dust:

## 8.2. Exposure controls

	
Eye / face protection	Wear eye/face protection.
Skin protection - Handprotection	Chemical resistant gloves.
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Provide local exhaust or general ventilation system to control dust levels below the 8hrTWA level. Avoid creating airborne dust conditions. Local exhaust ventilation is preferred since it prevents the release of contaminants into the work area by controlling it at the source. If local or general ventilation is not adequate to control dust levels below exposure limits, use OES approved respirators.
Thermal hazards	No data is available on this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

# Centrecoat Armourcoat HF - Aggregate

Revision 10  
Revision date 2016-08-18

## 9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Colourless
Odour	Odourless
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

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 is available on this product.

### 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

No data is available on this product.

### 10.5. Incompatible materials

Acids.

### 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.

# Centrecoat Armourcoat HF - Aggregate

Revision 10  
Revision date 2016-08-18

## 11.1. Information on toxicological effects

Skin corrosion/irritation	Not relevant.
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 HF - Aggregate	No data available	Quartz Silica Sand	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

	Completely empty the packaging and process it according to local legislation.
--	---

### 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

### 14.1. UN number

	The product is not classified as dangerous for carriage.
--	--

### 14.2. UN proper shipping name

	The product is not classified as dangerous for carriage.
--	--

### 14.3. Transport hazard class(es)

	The product is not classified as dangerous for carriage.
--	--

### 14.4. Packing group

	The product is not classified as dangerous for carriage.
--	--

# Centrecoat Armourcoat HF - Aggregate

Revision 10

Revision date 2016-08-18

<b>14.5. Environmental hazards</b>	
	The product is not classified as dangerous for carriage.
<b>14.6. Special precautions for user</b>	
	The product is not classified as dangerous for carriage.
	The product is not classified as dangerous for carriage.
<b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	
	The product is not classified as dangerous for carriage.
	The product is not classified as dangerous for carriage.

## SECTION 15: Regulatory information

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

## SECTION 16: Other information

<b>Other information</b>	
<b>Revision</b>	This document differs from the previous version in the following areas: 3 - Further information.
<b>Text of risk phrases in Section 3</b>	R36/37/38 - Irritating to eyes, respiratory system and skin. R37/38 - Irritating to respiratory system and skin. R41 - Risk of serious damage to eyes.
<b>Text of Hazard Statements in Section 3</b>	Skin Irrit. 2: H315 - Causes skin irritation. Eye Irrit. 2: H319 - Causes serious eye irritation. STOT SE 3: H335 - May cause respiratory irritation. Eye Dam. 1: H318 - Causes serious eye damage.
<b>General information</b>	
	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.
<b>Further information</b>	
	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.