

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### RonaFloor HB200 Part A

Revision 2

Revision date 2012-05-02

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

##### 1.1. Product identifier

Product name	RonaFloor HB200 Part A
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##### 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); [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact); [ERC5] Industrial use resulting in inclusion into or onto a matrix; [AC4] Stone, plaster, cement, glass and ceramic articles;
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##### 1.3. Details of the supplier of the safety data sheet

Company	Ronacrete Limited
Address	Ronac House Flex Meadow Harlow Essex CM19 5TD United Kingdom
Web	www.ronacrete.co.uk
Fax	+44 (0) 1279 638701
Email	technical@ronacrete.co.uk

##### 1.4. Emergency telephone number



Emergency telephone number	+44 (0) 1279 638700  Daytime
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#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC	Xi; R36/38-43 N; R51/53 Symbols: Xi: Irritant. N: Dangerous for the environment.
Main hazards	Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

##### 2.2. Label elements

Symbols	Xi: Irritant. N: Dangerous for the environment.  
Risk phrases	R36/38 - Irritating to eyes and skin. R43 - May cause sensitisation by skin contact. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Safety phrases	S24 - Avoid contact with skin. S29 - Do not empty into drains.

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## 2.2. Label elements

S37 - Wear suitable gloves.  
S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

## 2.3. Other hazards

## Other hazards

Not classified as flammable but will burn.

## 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
4,4'-Isopropylidenediphenol Epichlorohydrin reaction product (number average molecular weight =700)	603-074-00-8	25068-38-6	500-033-5			Xi; R36/38 R43 N; R51/53
Bisphenol F Epichlorohydrin reaction product		28064-14-4				Xi; R36/38-43 N; R51/53
Aliphatic Glycidylether		68081-84-5				Xi; R36/38-43 N; R51/53

## SECTION 4: First aid measures

## 4.1. Description of first aid measures

## Eye contact

May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention.

## Skin contact

May cause irritation to skin. Remove contaminated clothing. Drench the affected skin with clean running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

## Ingestion

May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention.

## SECTION 5: Firefighting measures

## 5.1. Extinguishing media

Foam. Water spray. Cool fire exposed containers with waterspray. Do NOT use water jet.

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

Not classified as flammable but will burn. Carbon monoxide may evolve if incomplete combustion occurs.

## 5.3. Advice for firefighters

Wear full protective clothing and self contained breathing apparatus.

## SECTION 6: Accidental release measures

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

Wear suitable protective equipment. Ensure adequate ventilation of the working area. Keep personnel away from spill.

## 6.2. Environmental precautions

Contain spillage and do not allow to contaminate soil and drains or watercourses. If material enters drains it should be pumped out into an open vessel, emergency services should be called to assist in the operation.

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

Small spillages: absorb into dry earth or sand. Transfer to a closable, labelled container for disposal by an appropriate method. Put leaking containers into a larger container or over container and secure lid. Label outer container identifying the substance.  
Large spillages: Transfer to a labelled container for product recovery or appropriate disposal, otherwise treat as a small spill.

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## SECTION 7: Handling and storage

## 7.1. Precautions for safe handling

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

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

Keep containers tightly closed. Store in a cool, dry area.

## SECTION 8: Exposure controls/personal protection

## 8.2. Exposure controls



## 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

## 8.2.2. Individual protection measures

Adopt best Manual Handling considerations when handling, carrying and dispensing.

## Eye / face protection

Eye protection. Eye wash bottle with water.

## Skin protection -

Butyl rubber gloves. Chemical resistant gloves (PVC). Neoprene gloves. Nitrile rubber gloves.

## Handprotection

## Skin protection - Other

Wear suitable protective clothing. Wear waterproof rubber footwear such as Wellington boots.

## Respiratory protection

Wear a mask.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Yellow
Odour	Mild
Boiling point	150
Flash point	above 150
Relative density	1.12

## SECTION 10: Stability and reactivity

## 10.2. Chemical stability

Stable under normal conditions. Reacts with strong oxidising agents.

## 10.3. Possibility of hazardous reactions

Polymerises exothermically with amines, mercaptans and Lewis Acids at ambient temperature.  
Reacts exothermically with bases, ammonia, primary and secondary amines, alcohols and acids.

## 10.5. Incompatible materials

Strong mineral acids. Caustic Soda can induce vigorous polymerisation at temperatures around 200C.

## 10.6. Hazardous decomposition products

Hazardous decomposition products are not expected to form during normal storage.

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

## Germ cell mutagenicity

No mutagenic effects reported.

## 11.1.4. Toxicological Information

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## 11.1.4. Toxicological Information

4,4'-Isopropylidenediphenol Epichlorohydrin reaction product (number average molecular weight =700)	Dermal Rat LD50: 2000 mg/kg	Dermal Rabbit LD50: 2000 mg/kg
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## 11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

	May cause sensitisation by inhalation and skin contact.
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## SECTION 12: Ecological information

## 12.1. Toxicity

4,4'-Isopropylidenediphenol Epichlorohydrin reaction product (number average molecular weight =700)	Fish LC50/96h: 2.4000 mg/l
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	May cause long-term adverse effects in the aquatic environment.
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## 12.2. Persistence and degradability

	Not readily biodegradable.
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## 12.3. Bioaccumulative potential

	Substance has a bioaccumulation potential.
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## 12.4. Mobility in soil

	Sinks in water. If product enters soil, one or more constituents will be mobile and may contaminate groundwater.
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## SECTION 13: Disposal considerations

## General information

	Recover or recycle if possible, incinerate. Contact a licensed waste disposal company.
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## Disposal methods

	Transfer to a suitable container and arrange for collection by a specialised disposal company.
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## Disposal of packaging

	Drain container thoroughly. Rinse three times with suitable solvent. Treat rinsings as for product disposal. After draining, vent in a safe place away from sparks and fire. Where practical, containers and packaging should be recycled by a licensed contractor. Arrange for collection by disposal company.
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## SECTION 14: Transport information

## Hazard pictograms

	 
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## 14.1. UN number

	UN3082
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## 14.2. UN proper shipping name

	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Liquid Epoxy Resin, Aliphatic Glycidyl Ether)
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## 14.3. Transport hazard class(es)

ADR/RID	9
Subsidiary risk	-
IMDG	9

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## 14.3. Transport hazard class(es)

Subsidiary risk	-
IATA	9
Subsidiary risk	-

## 14.4. Packing group

Packing group	III
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## 14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

## ADR/RID

Hazard ID	90
Tunnel Category	(E)

## IMDG

EmS Code	F-A S-F
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## IATA

Packing Instruction (Cargo)	964
Maximum quantity	450 L
Packing Instruction (Passenger)	964
Maximum quantity	450 L

## SECTION 15: Regulatory information

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

Regulations	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.
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## SECTION 16: Other information

## Other information

Revision	This document differs from the previous version in the following areas: 8 - Respiratory protection.
Text of risk phrases in Section 3	R36/38 - Irritating to eyes and skin. R43 - May cause sensitisation by skin contact. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 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.
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