

MATERIAL SAFETY DATA SHEET (EU/453/2010-EC/1907/2006 - GHS)

Page: 1
 Revised edition no.: 2
 Validation date: 21-02-2017
 Supersedes: 01-06-2016

Ecorr® RCR

1. Identification of the substance/preparation and manufacturer

Product Trade-name: **Ecorr® RCR**
 Key grades: -
 Manufacturer: Rubber Resources B.V., Schoenerweg 36, 6222 PD Maastricht, The Netherlands
 Phone: +31 (0)43 329 04 44, Fax: +31 (0)43 329 03 03
 Emergency telephone: +31 43 329 04 44
 Identified use: rubber compounds.
 Reach registration number: not available, exemption 2(7)(d) of Reach regulation EC/1907/2006.

2. Hazards identification

The product is classified according Regulation EC/1272/2008 as Aquatic Chronic Category 3.
 Hazard statement H412: harmful to aquatic life with long lasting effects. No Signal Word or Pictogram is used.
 The product is classified according GHS (Purple Book). Aquatic acute category III, harmful to aquatic life, aquatic chronic Category III, harmful to aquatic life with long lasting effects. No symbol or signal word is used.

3. Composition / information on ingredients

Curing bladder reclaim on butyl polymer (CAS number 9010-85-9), polymer content ca. 58%

Regulation	Hazardous ingredients	CAS number	%	Classification	Signal word	Hazard statement
EC/1272/2008	ZnO	1314-13-2	<2,5%	Aquatic Acute 1 Aquatic Chronic 1	Warning	H400, H410

System	Classification	Signal word	Hazard statement
GHS	Aquatic acute 1 Aquatic chronic 1	Warning	Very toxic to aquatic life with long lasting effects.

See Heading 16 for the full text of the used hazard statements.

4. First aid measures

No special first aid procedure required. It is not likely that exposure results in serious symptoms.

5. Fire fighting measures

Extinguishing media: all of the usual extinguishing media are allowed.
 Unusual fire/explosion hazards: May emit toxic fumes in fire: carbon dioxide, carbon monoxide, sulphur dioxide.
 Special protective equipment: Wear full protective equipment with self-contained breathing apparatus.

6. Accidental release measures

Accidental release not expected.

7. Handling and storage

Handling: no special precautions necessary. Storage: Storage should be according to ISO 2230. The storage accommodation should be cool, below 25 °C, dry and moderately ventilated.

8. Exposure controls / personal protection

General : use gloves and avoid contact with skin.
 OSHA Permissible Exposure limit for ZnO; total dusts: 10 mg/m3, respirable fraction / fume: 5mg/m3.



An **ELGI** Company



Rubber Resources B.V.

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 Phone: +31 (0)43 329 04 44 - Fax: +31 (0)43 329 03 03 - IBAN: NL90 INGB 0006 3406 48
 BIC-code: INGBNL2A - V.A.T.: NL804042962B01 - Trade register no.: 14633389
 E-Mail: info@rubber-resources.com - Website: www.rubber-resources.com

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9. Physical and chemical properties

(a) Appearance:	* NA = not applicable; * UK = unknown Solid, slab, black
(b) Odour:	Reclaimed rubber
(c) Odour threshold:	UK
(d) pH:	NA
(e) Melting point/freezing point:	NA
(f) Initial boiling point and boiling range:	NA
(g) Flash point:	NA
(h) Evaporation rate:	NA
(i) Flammability (solid, gas):	NA
(j) Upper/lower flammability or explosive limits:	NA
(k) Vapour pressure:	NA
(l) Vapour density:	NA
(m) Relative density:	1100 - 1200 kg/m ³
(n) Solubility(ies):	Insoluble in water; partially soluble in acetone
(o) Partition coefficient: n-octanol/water:	NA
(p) Auto-ignition temperature:	UK
(q) Decomposition temperature:	UK
(r) Viscosity:	NA
(s) Explosive properties:	NA
(t) Oxidising properties:	UK

10. Stability / reactivity

No special data on this product.

11. Toxicological information

No data available on this product. However evidence after many years use suggest that it does not require classification under EC law.

12. Ecological information

Ecotoxicity: not hazardous; solid material insoluble in water.
 Biological degradation: degradation resistant.
 Environmental effects of ZnO: EC/1272/2008: harmful to aquatic life with long lasting effects.
 GHS: Harmful to aquatic life, with long lasting effects.

13. Disposal considerations

Product: incineration or landfill; Always consult the relevant local authority before disposal.
 Package: after cleaning prepare for reuse.

14. Transport information

Not classified as hazardous according to ADR,RID/IMDG/ICAO/ADN.
 Contains the environmental hazardous substance ZnO in an amount < 2,5%.

15. Regulatory information

TSCA status: This product is in compliance with TSCA section 8b Inventory requirements.
 SARA Section 313 Supplier notification:

Toxic Chemical	CAS Number	Concentration
ZnO	1314-13-2	<2,5% by weight

Classification and labelling have been determined according to EU directives 67/548/EEC, 1999/45/EC, EC/1272/2008 (including amendments) and GHS, and take into account the intended product use. Bulk quantities of this product do not require to be labelled.

16. Other information

The information presented herein is true and accurate to the best of our knowledge, but without any guarantee unless explicitly given.
 The used hazardous symbols, risk phrases and hazard statements: H412: harmful to aquatic life with long lasting effects. For ZnO: H400, very toxic to aquatic life. H410, very toxic to aquatic life with long lasting effects.



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