

Article Data Sheet

according to 1907/2006/EC, Article 31

Printing date 05.07.2013

Version number 3

Revision: 05.07.2013

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

1.1 Product identifier

Trade name: Passenger car radial tyre - equipped with ContiSeal

Article number: ZUB00718

Application of the substance / the preparation Tyre

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Continental Reifen Deutschland GmbH

Jädekamp 30

D-30419 Hannover

Tel.: +49 511- 976 3340

1.4 Emergency telephone number: Phone: +49 (0)511 976-3300

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

Information concerning particular hazards for human and environment:

The compound contains small amounts of rubber chemicals, which may have a sensitizing effect in case of skin contact. In rare cases of intense skin contact allergic reactions may occur.

2.2 Label elements

Labelling according to EU guidelines:

The substance is not subject to classification according to EU lists and other sources of literature known to us.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterization: Mixtures

Description:

Product, vulcanised rubber with reinforcement, using additives based on:

natural rubber (NR)

styrene butadiene rubber (SBR)

The tire is coated with an additional innerlayer of pre-vulcanized butadiene rubber.

Dangerous components: Void

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: No special measures required.

After eye contact:

If eyes were in contact with ContiSeal, you would have to rinse the eyes and contact a medical doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

EU

(Contd. on page 2)

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(Contd. of page 1)

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released: CO, CO₂, NO_x, SO₂, carbon black, pyrolysis products

Hydrogen bromide (HBr)

Hydrogen chloride (HCl)

5.3 Advice for firefighters

Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not required.**6.2 Environmental precautions:** No special measures required.**6.3 Methods and material for containment and cleaning up:** No special measures required.**6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No special measures required.

The innerlayer is coated with a very sticky polymer layer. This layer can stain skin and clothes.

Take care for suitable protection.

Information about fire - and explosion protection:

Product is flammable. Do not smoke. Keep away from ignition sources.

7.2 Conditions for safe storage, including any incompatibilities

Storage:**Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:**

Do not store together with food, animal feedingstuff or textiles. See recommendation of the German Chemical Industry Association (VCI), September 1993.

Further information about storage conditions: None.**Storage class:** 11 combustible solid substances.**7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Personal protective equipment:**General protective and hygienic measures:** Wash hands before breaks and at the end of work.**Respiratory protection:** Not required.**Protection of hands:** We recommend gloves to avoid staining of hands.**Material of gloves** Nitrile rubber

(Contd. on page 3)

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(Contd. of page 2)

Eye protection: Not required.

Limitation and supervision of exposure into the environment

See section 6 and 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Solid
Colour:	Black
Odour:	Weak, characteristic
Odour threshold:	Not determined.

pH-value: Not applicable.

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.

Flash point: Not applicable.

Ignition temperature: > 250 °C

Decomposition temperature: Not determined.

Self-igniting: Not determined.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure: Not applicable.

Density:	Not determined.
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.
water:	Insoluble.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic:	Not applicable.
Kinematic:	Not applicable.

9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

Thermal decomposition at sustained high temperatures exceeding 250 °C.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials:

Strong oxidizing agents
Solvents
Gasoline
Mineral oils

(Contd. on page 4)

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10.6 Hazardous decomposition products: See items 5 and 8

(Contd. of page 3)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:
LD/LC50 values relevant for classification: No data available for the rubber product itself.

Primary irritant effect:
on the skin: No data available for the rubber product itself.

on the eye: No data available for the rubber produkt itself.

Sensitization: No sensitizing effects known.

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction) None.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Ecotoxical effects:
Remark: No data available for the rubber product itself.

Additional ecological information:
General notes:

Due to the consistence and the low watersolubility of the product a bioavailability is not probable.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal according EC-regulations 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

Recommendation

Conti Seal ELT's should be used as whole tires as auxiliary fuel in the cement industry.

We recommend not to shred Conti Seal ELT's unless the appropriate equipment for doing this is available.

Furthermore, we recommend not to process Conti Seal ELT tires in granulating plants.

If necessary, Conti Seal ELT's should be separated from other ELT's prior to the shredding or granulating process.

European waste catalogue

16 00 00	WASTES NOT OTHERWISE SPECIFIED IN THE LIST
16 01 00	end-of-life vehicles from different means of transport (including off-road machinery) and wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13, 14, 16 06 and 16 08)
16 01 03	end-of-life tyres

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

EU

(Contd. on page 5)

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(Contd. of page 4)

SECTION 14: Transport information

14.1 UN-Number ADR, ADN, IMDG, IATA	Void
14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA Class	Void
14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Hazardous substances management

Contact:

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Sources

<http://www.hvbg.de/d/bia/gestis/stoffdb/index.html> <http://www.hvbg.de/d/bia/gestis/analytical methods/index.html>

*** Data compared to the previous version altered.**