

Material safety data sheet

According to EU Regulation 1907/2006 in the current version

Silicon rubber packaging containers

1. Identification of the substance/mixture and company

Generic name : PACKAGING CONTAINERS, CAPS, LIDS, PUMPS OF SILICON RUBBER
CAS No. : 63394-02-5
EINESCS No. : -
REACH registration No. : -
Utilization: Industrial and professional use
Supplier company identification: **Elemental SRL**, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.ellemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

The substance is not classified according to the CLP regulation.

· Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Not classified as dangerous according to Directive 1999/45/EC and following amendments.

2.2 Label elements

· Labelling according to Regulation (EC) No 1272/2008 Void

· Hazard pictograms Void

· Signal word Void

· Hazard statements Void

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. Declaration of ingredients

3.1 Chemical characterization: Substances

CAS No.	Percentage
63394-02-5	97,0 - 100,0 %

Composition determined not to be hazardous

4. First aid measures

4.1 Description of first-aid measures

If inhaled

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After inhalation: fresh air.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam. Dry chemical powder. BCF (where regulations permit). Carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result. Combustible. Slight fire hazard when exposed to heat or flame.

Heating may cause expansion or decomposition leading to violent rupture of containers. On combustion, may emit irritating/ toxic fumes.

Combustion products include: carbon monoxide (CO), carbon dioxide (CO₂), nitrogen oxides (NO_x)

5.3 Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

5.4 Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

There is no need for special precautions, when handled under normal conditions

6.2 Environmental precautions

Check current local, state and national regulations for proper disposal methods..

6.3 Methods and materials for containment and cleaning up

Not applicable

6.4 Reference to other sections

For disposal see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Use in a well-ventilated area. Prevent concentration in hollows and sumps

7.2 Conditions for safe storage, including any incompatibilities

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Storage conditions: in cool, dry and well-ventilated area. Protect from physical damage

7.3 Specific end use(s)

See product information

8. Exposure controls / personal protection

8.1 Control parameters

Emergency limits: silicone rubber 12 mg/m³ 130 mg/m³ 790 mg/m³

Ingredients determined not to be hazardous

8.2 Exposure controls

Personal protective equipment

There is no need for special precautions, when the material is handled under normal conditions

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: solid

Colour: black, white, various

Odour: Odourless

pH-value: Not applicable.

Melting point/Melting range: >250°C

Boiling point/Boiling range: Not determined

Flash point: Not available.

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

Explosion limits:

Lower: Not determined.

Upper: Not determined.

Vapour pressure: Not applicable.

Density at 20°C: 1,1-1,3 g/cm³

Solubility in / Miscibility with water: Insoluble.

Viscosity: Not available

Dynamic: Not applicable.

Kinematic: Not applicable.

Other information No further relevant information available.

10. Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed

10.2 Chemical stability

Product is considered stable and hazardous polymerisation will not occur

10.3 Possibility of hazardous reactions

N/A

10.4 Conditions to avoid

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See section 7.2

10.5 Incompatible materials

See section 7

10.6 Hazardous decomposition products

See section 5

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity

No adverse health effects are known or anticipated from contact with these products under standard conditions

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

11.2 Additional Information

Not available

12. Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

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No data available

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the national and local regulations. Handle uncleaned containers notice Directive on waste 2008/98/EC.

13.2 Uncleaned packaging:

· Recommendation: Disposal must be made according to official regulations.

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 Void

14.4 Packing group

· ADR, IMDG, IATA Void

· Marine pollutant: No

· Special precautions for user Not applicable.

14.5 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

14.6 Transport/Additional information

No special precautions required – non-hazardous for road, sea or air.

15. Regulatory information

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

Not available

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16. Additional information

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16.1 Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IARC: International Agency for Research on Cancer

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts

STEL: Short Term Exposure Limit

TEEL: Temporary Emergency Exposure Limit

Disclaimer

This information is based on our present knowledge, and believed to be correct at the date of publication. However, no representation is made concerning its accuracy and completeness. It is intended as guidance only, and is not to be considered a warranty or quality specification. All materials may present unknown hazards, and should be used with caution. Although certain hazards are described, we cannot guarantee that these are the only hazards which exist.