

Safety Data Sheet

according to Regulation (EC) No.1907/2006 (REACH), amended by COMMISSION REGULATION (EU) 2020/878

Product name : L-Powder, C&B Metabond R&D (Radiopaque, Clear)

Date of revision : 2022/03/31

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Product name: L-Powder, C&B Metabond R&D (Radiopaque, Clear)

Product codes : S396-RD, S399-RD

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the product:

Dental cement to be used for research purposes on non-human subjects only.

1.3 Details of the supplier of the safety data sheet

Supplier: Parkell Europe AB

Address: Finvids väg 8, SE-194 27 Upplands Väsby

Telephone number: +46 850650575

e-mail address: pmattiucci@parkell.com

1.4 Emergency telephone number: 112

2. Hazards identification

GHS classification and label elements of the product

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No.1272/2008 [CLP]

Not classified/Classification not possible

2.2 Label elements

Labelling according to Regulation (EC) No.1272/2008 [CLP]

No GHS label element

No Signal word

2.3 Other hazards

The product does not contain any ingredient designated as PBT and/or vPvB.

The product does not contain any ingredients designated as Endocrine disrupting properties.

3. Composition/information on ingredients

Mixture/Substance selection:

3.2 Mixture

Ingredient name	CAS No.	Content (%)
HAZCODE_EU	ECNO	
PMMA	9011-14-7	90 - 100
-	-	

Components contributing to the hazard

The product does not contain any ingredients listed in REACH SVHC candidate list.

4. First-aid measures

- 4.2 Most important symptoms and effects, both acute and delayed
Specific information on symptom and effect are unknown.
 - 4.3 Indication of any immediate medical attention and special treatment needed
Information on indication of any immediate medical attention and special treatment needed is not available.
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5. Fire-fighting measures

- 5.1 Extinguishing media
 - Suitable extinguishing media
In case of fire, use water mist, foam, CO₂, dry sand to extinguish.
 - Unsuitable extinguishing media
Do not use direct water jet.
 - 5.2 Specific hazards arising from the substance or mixture
Will form toxic carbon oxides upon combustion.
 - 5.3 Advice for firefighters
 - Specific fire-fighting measures
 - Evacuate non-essential personnel to safe area.
 - Shut off fuel to fire if possible to do so without hazard.
 - Cool container with water spray.
 - Prevent extinguishing water from entering sewers.
 - Special protective equipment and precautions for fire-fighters
 - Wear fire resistant or flame retardant clothing.
 - Firefighters should wear self-contained breathing apparatus with full face piece operated positive pressure mode.
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6. Accidental release measures

- 6.1 Personnel precautions, protective equipment and emergency procedures
 - Wear an air-supplied respirator for handling a spill at a poor ventilated workplace.
 - Wear proper protective equipment.
 - Eliminate all sources of ignition and ventilate the area.
- 6.2 Environmental precautions
 - Prevent spills from entering sewers, watercourses or low areas.
 - Do not wash away into sewers or waterway.
- 6.3 Methods and materials for containment and cleaning up
 - Absorb spill with inert material (dry sand, earth, et al), then place in a chemical waste container.
 - Fill the disposal into labelled, closable containers.
- Preventive measures for secondary accident
 - Stop leak if safe to do so.
 - ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- 6.4 Reference to other sections
 - Refer to section 8
 - Refer to section 13

7. Handling and storage

7.1 Precautions for safe handling

Preventive measures

(Safety treatments)

Avoid contact with skin.

Avoid contact with eyes.

Safety measures data is not available.

Any incompatibilities data is not available.

7.2 Storage

Conditions for safe storage

Keep cool. Protect from sunlight.

Store locked up.

Store at temperatures not exceeding specified values.

Storage temperature upper limit: 30°C

Container and packaging materials for safe handling data is not available.

7.3 Specific end use(s)

Information on Specific end use(s) is not available.

8. Exposure controls/personal protection

8.1 Control parameters

Adopted value

Adopted value in ACGIH is not available.

EU OEL value is not available.

8.2 Exposure controls

Appropriate engineering controls

Exhaust/ventilator should be available.

Eye wash station should be available.

Washing facilities should be available.

Individual protection measures

Respiratory protection

Wear respiratory protection.

Hand protection

Wear protective gloves.

Eye protection

Wear safety glasses with side-shields or chemical safety goggle.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state: Powder/granule

Color: Pale yellow

Odor: None

Odor threshold data is not available.

Melting point/Freezing point data is not available.

Boiling point or initial boiling point data is not available.

Boiling range data is not available.

Flammability (gases, liquids and solids) data is not available.

Lower and upper explosion limit/flammability limit data is not available.

Flash point data is not available.

Auto-ignition temperature data is not available.

Decomposition temperature data is not available.

pH data is not available.

Kinematic viscosity data is not available.

Solubility:

Solubility in water data is not available.

Solubility in solvent data is not available.

n-Octanol/water partition coefficient data is not available.

Vapor pressure data is not available.

Vapor density data is not available.

Evaporation rate data is not available.

Density and/or relative density: 0.9g/cm³

Density and/or relative density data is not available.

Relative vapor density (Air=1) data is not available.

Relative density of the Vapor/air – mixture at 20°C (Air = 1) data is not available.

Critical temperature data is not available.

Particle characteristics data is not available.

9.2 Other information

Other information is not available.

10. Stability and Reactivity

10.1 Reactivity

Reactivity data is not available.

10.2 Chemical stability

Stable under normal storage/handling conditions.

10.3 Possibility of hazardous reactions

Possibility of hazardous reactions data is not available.

10.4 Conditions to avoid

Conditions to avoid data is not available.

10.5 Incompatible materials

Acids, Strong acids, Bases, Strong bases, Oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products data is not available.

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity data is not available.

Irritant properties

Skin corrosion/irritation data is not available.

Serious eye damage/irritation data is not available.

Allergenic and sensitizing effects data is not available.

Mutagenic effects data is not available.

Carcinogenicity

(PMMA)

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IARC-Gr.3 : Not Classifiable as a Human Carcinogen

Teratogenic effects data is not available.

Reproductive toxicity data is not available.

STOT

STOT-single exposure data is not available.

STOT-repeated exposure data is not available.

Aspiration hazard data is not available.

11.2 Information on other hazards

Endocrine disrupting properties is not available.

12. Ecological Information

12.1 Ecotoxicity

Ecotoxicity data is not available.

12.2 Persistence and degradability

Persistence and degradability data is not available.

12.3 Bioaccumulative potential

Bioaccumulative potential data is not available.

12.4 Mobility in soil

Mobility in soil data is not available.

12.5 Results of PBT and vPvB assessment

PBT and/or vPvB assessment data is not available.

12.6 Endocrine disrupting properties

Endocrine disrupting properties is not available.

12.7 Other adverse effects

Ozone depleting chemical data is not available.

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

13.1 Waste treatment methods

Dispose of contents/container in accordance with local/national regulation.

Do not dump into sewers, on the ground or into any body of water.

Contaminated packing

Dispose of container after using the contents completely.

14. Transport Information

UN No., UN CLASS

14.1 UN No. or ID No.: Not applicable

14.2 UN Proper Shipping Name : Not applicable

14.3 Class or division (Transport hazard class) : Not applicable

14.4 Packing group : Not applicable

Not applicable to IMDG Code

Not applicable to IATA Dangerous Goods Regulations

14.5 Environmental hazards

MARPOL Annex III – Prevention of pollution by harmful substances

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Marine pollutants (yes/no) : no

14.6 Special precautions for user

Special precautions for user is not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable to Maritime transport in bulk according to IMO instruments

15. Regulatory Information

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

The product does not contain any ingredients listed in REACH SVHC candidate list.

Other information is not available.

Other regulatory information

Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for this product.

16. Other information

The product is not applicable to GHS classifications.

Reference Book

Globally Harmonized System of classification and labelling of chemicals, UN

Recommendations on the TRANSPORT OF DANGEROUS GOODS 21th edit., 2019 UN

IMDG Code, 2018 Edition (Incorporating Amendment 39-18)

IATA Dangerous Goods Regulations (62nd Edition) 2021

EU REGULATION (EC) No. 1272/2008 (CLP), amended by COMMISSION REGULATION (EU) 2019/521

2020 EMERGENCY RESPONSE GUIDEBOOK (US DOT)

2021 TLVs and BEIs. (ACGIH)

Supplier's data/information

General Disclaimer

To the best of our knowledge, the information contained here in is accurate. However, we assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of user. All material may present unknown hazards and should be used in caution. Although certain hazards are described herein, we can not guarantee that these are the only hazards which exist.

The GHS classification data given here is based on current EU official data (Consolidated version of the CLP Regulation published in 14.11.2020).