

POWERTEX

PLM Lifting Magnets

Safety data sheet



General safety data sheet

1. Identification of the substance/preparation and company

Powertex Lifting magnets type PLM

Art. No.: PLM-1; PLM-3; PLM-6; PLM-10; PLM-20.

Manufacturer/Supplier:

SCM Citra OY

Addr: Asessorinkatu 3-7, FI20780 Kaarina, Finland www.powertex-products.com

2. Composition

NdFeB Magnet

Nd:30-33% Fe :62-68% B:1%

CAS No.: Nd:7440-00-8 Fe :7439-89-6 B:7440-42-8

3. Potential risks

When handling magnets and magnet systems, persons wearing pacemakers should be especially careful to keep a certain distance, otherwise the pacemaker could malfunction temporarily.

4. First-aid measures

No specific information required.

5. Fire-fighting measures

No special information required.

6. Measures in case of unintentional release

No special information required.

7. Handling and storage

7.1. Handling

In addition to the note found in Item 3, the following items also apply for handling:

- Do not store or bring near magnetic storage media (e.g. bank cards or floppy disks).
- Magnets used are very strong and are attracted to ferrous items. If handled improperly, they can cause crushing injuries.

7.2. Storage

See Item 7.1.

8. Limiting exposure and personal safety equipment

See Item 3 and Item 16.

9. Physical-chemical properties

No special information required.

10. Stability and reactivity

No special information required.

11. Information on toxicology

No special information required.

12. Information on ecology

No negative effects known.

13. Information on disposal

- Waste disposal is to occur in accordance with guidelines 91/689/EEC and 94/62 EU and with local, regional and national regulations.
- Compliance with regulations is to be clarified with the corresponding waste disposal company.
- Use the waste code according to the European waste catalogue.

14. Information on transport

Under certain circumstances, magnets may be classified as hazardous material when transported by air according to Packaging Regulation IATA 953. If packaged properly, the classification as hazardous material is not applicable.

Magnets are not subject to the regulations of the ADR (UN number 2807, no hazard code, class 9).

15. Regulations

None.

16. Other information

Recommendation for persons wearing pacemakers

Being strong magnetic product, we do not recommend for person who wear pacemakers to operate the magnetic lifter .

Even switches to so-called "magnet mode", it should be mentioned that a pacemaker in "magnet mode" does not switch off, but rather switches to a programming mode in which the pacemaker continues working with an emergency operation function (basic function).

General potential danger:

Permanent magnets can produce static magnetic fields of up to 300 millitesla (mT) (i.e. 3,000 gauss) at their immediate surface.

It is recommended to be far away from any electronics products , precise mechanical instruments,magnetic products,etc.

Never to disassemble the machine and take out the magnet stone.

The magnet stone included is locked by screws exposure of them would bring danger of exploding in high temperature.

We would like to advice wearers of pacemakers against the use of magnetic lifters in general.

This information is based on our current knowledge and experience. This safety data sheet describes products with regard to safety requirements. The information does not guarantee specific characteristics.

Date: 20.03.2023

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