



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

Safety Data Sheet

In accordance with Regulation (EU) 2015/830

SECTION 1. Identification of the substance or mixture and the Company/Enterprise.

1.1. Product Identification

Code:

Denomination: **FLEXIMIUM**

REACH No: There is no registration number available for this substance as substance and/or its uses are exempt from registration, the annual Tonnage does not require a registration or registration is expected to have a later registration deadline

1.2. Relevant identified uses of the substance or mixture and uses not recommended

Description / Usage: **Permanent Magnets**

1.3. Information on the supplier of the safety data sheet

Name **MyP Magnetica Italiana srl**
via G.Scirea n. 18
43122 Parma (PR)
Italia
Tel. +39. 02.83595060
Fax. +39. 02.83595061

Email of the person responsible for the MSDS: p.bellotti@magnetica40.it

1.4. Emergency telephone number:

For urgent information, please contact:

Ospedale Maggiore di Parma– Parma– Tel. 0521 702111
CAV Centro Nazionale di Informazione Tossicologica – Pavia – Tel. 0382 24444
Azienda Ospedaliera Papa Giovanni XXII – Bergamo – Tel. 800.883300

SECTION 2. Hazard identification.

2.1. Classification of the substance or mixture

2.1.1. The products to which this sheet refers are not classified as hazardous in accordance with the provisions of Regulation (EC) 1272/2008 (CLP), as subsequently amended and amended. The products are not classified as hazardous even in accordance with the previous Directive 67/548/EEC.

The products, to which this sheet refers, are mixtures of metals with polymers, so that 1,3-butadien, acronymile, chlorine and ethylene cannot, under normal conditions of use, develop as possible



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

Hazardous Substances: No toxic effects caused by the material in the solid supplied state, nor during normal usage practices, have been detected.

2.2. Label Elements

Pursuant to art. 23(d) of EC Regulation 1272/2008, such mixtures (metals in bulk form, alloys, mixtures containing polymers, mixtures containing elastomers) do NOT require a label, as they do not pose a danger to human health in case of inhalation, ingestion or if put in contact with the skin, nor to the aquatic environment in the form in which they are placed on the market and the following information is provided to professional users, downstream users and distributors in accordance with the requirements.

Pictograms, Warning Codes: None.
Hazard Statement Codes: Non-hazardous
Additional Hazard Statement Codes: Not -applicable
Precautionary statements:

General : P101 - In case of medical consultation, keep the container available or the product label.

2.3. Other Hazards

PBT and vPvB Assessment Results

PBT: This substance/mixture does not meet the PBT criteria of REACH, Annex XIII.

vPvB: This substance/mixture does not meet the vPvB criteria of REACH, Annex XIII.

According to the available data, the product does not contain:

PBT or vPvB substances, phthalates and other SVHC candidate substances, of which Annexes XIII and XIV of the REACH regulation, in a percentage greater than 0.1%;

substances considered dangerous by EPA Regulation of Persistent, Bio-accumulative, and Toxic Chemicals Under TSCA Section 6(h), Safe Drinking Water and Toxic Enforcement Act e dal POP Regulation UE n.2019/2021 – Persistent Organic Pollutants Substance List.

SEZIONE 3. Composition / Information on the elements.

3.1. Substances

The product does not contain substances classified as hazardous to health or the environment pursuant to the provisions of Regulation (EU) 1272/2008 (CLP) (and subsequent amendments and adaptations) in quantities that require their declaration.

3.2. Mixtures

The product contains:

(conc. %)	Classification 1272/2008 CLP
-----------	------------------------------



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

NEODYMIUM ALLOY

80-95 % Unclassified

Name	Product description	%	Classification according to Regulation (EC) no. 1272/2008 [CLP]
Iron	(Numero CAS) 7439-89-6 (Numero CE) 231-096-4 (no. REACH) 01-2119462838-24-0433	60 - 70	Non classificato
Neodimium	(Numero CAS) 7440-00-8 (Numero CE) 231-109-3 (no. REACH) 01-2119949263-35-0012	20 - 25	Non classificato
Boro	(Numero CAS) 7440-42-8 (Numero CE) 231-151-2 (no. REACH) 01-2119978866-12-0016	1 - 1,5	Non classificato

BUTADIENE-ACRYLONITRILE COPOLYMERS

7 - 9 % Not rated

CAS 9003-18-3

CE 618-357-1

INDEX -

CHLORINATED POLYETHYLENE

7 -9 %

Not rated

CAS 64754-90-1

CE 613-688-8

INDEX -

Hazardous Components: None

3.3. Information:

Based on the available data, and the date of revision of the SDS, the product does not contain:

PBT or vPvB substances, phthalates and other SVHC candidate substances, of which Annexes XIII and XIV of the REACH regulation, in a percentage greater than 0.1%;

Substances considered dangerous da EPA Regulation of Persistent, Bio-accumulative, and Toxic Chemicals Under TSCA Section 6(h), Safe Drinking Water and Toxic Enforcement Act e dal POP Regulation UE n.2019/2021 – Persistent Organic Pollutants Substance List.

The products to which this sheet refers are mixtures of metals with polymers, so that 1,3-butadien, acronitrile, chlorine and ethylene cannot, under normal conditions of use, develop as possible hazardous substances: no toxic effects caused by the material in the solid supply state have been detected, nor during normal usage practices.

According to Regulation (EC) 1907/2006 it is not necessary to declare any components.

The full text of the hazard statements (H) can be found in section 16 of this factsheet.



MyP Magnetica Italiana S.r.l.

FLEXIMIUM MAG

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

SECTION 4. First aid measures.

4.1. Description of first aid measures.

General Notes.

Consult a doctor. Show this Safety Data Sheet to your treating physician.

In case of skin contact

The product is not classified as skin corrosive or skin irritation.

In case of contact with eyes

Wash immediately and thoroughly with water, lifting the upper and lower eyelids. If present, remove the contact lenses. Use a doctor if irritation persists. Wash for at least 10 consecutive minutes.

In case of ingestion

If the person is conscious, wash the mouth with water. Seek medical attention in the presence of symptoms.

Do not administer anything if the victim has lost consciousness.

4.2. Main Symptoms and Effects, Both Acute and Delaying.

To the best of our knowledge, the chemical, physical and toxicological properties are not subject of in-depth studies.

4.3. Indications of whether a doctor should be consulted immediately and special treatments.

If it is necessary to consult a doctor and hand in the Safety Data Sheet.

Treat according to symptoms. No specific treatment.

SECTION 5. Firefighting measures

5.1. Extinguishing Means.

Suitable extinguishing means:

Use an extinguishing agent suitable for the surrounding fire, evaluate compatibility with the possible presence of other substances.

The means of extinguishing are the traditional ones: carbon dioxide, foam, dust and water spray.

Unsuitable extinguishing means:

No useful information about it.

5.2. Special hazards arising from the substance or mixture.

From analyses performed on the sample, the product is not combustible.

5.3. Recommendations for Fire Extinguishers.

General Information:

Cool the containers with water jets to prevent the product from decomposing and development of substances that may be hazardous to health. Wear always the complete fire protection equipment. Collect



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

extinguishing water which should not be discharged into sewers. Dispose of used contaminated water for extinguishing and residual fire in accordance with current regulations.

5.4. Further information

No useful information about it

SECTION 6. Measures in case of accidental release.

6.1. Precautions, Personal Protective Equipment and Emergency Procedures

Prevent direct contact with eyes, skin, and personal clothing.
Delete/move away ignition sources.

6.2. Environmental precautions

Prevent the product from entering sewers, surface waters, groundwater.
According to the data available for silica sand, it is not classified as hazardous to water. No further risk.

6.3. Methods and Materials for Containment and Remediation

Contain with soil or inert material. Collect by mechanical means the spilled substance into containers. If appropriate, pre-humidify to prevent dust from forming. Waste must be disposed of in accordance with the requirements of the applicable regulations. Avoid sweeping dry cleaning and use a vacuum cleaner or water spray washing systems to prevent the generation of airborne dust.

Disposal of contaminated material shall be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

Any information regarding personal protection and disposal can be found here.
sections 8 and 13 of this safety data sheet.

SECTION 7. Handling and storage.

7.1. Precautions for safe handling

Handle the product after consulting all the other sections of this safety data sheet.
Avoid dispersion of the product into the environment.

Workers should wash their hands and face before eating, drinking, and smoking. Not eat, drink or smoke while in use.

7.2. Conditions for safe storage, including possible incompatibilities

Store according to local regulations.
Keep the product inside well-labeled containers.



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

Store separately from ignition sources such as acids and strong bases. Avoid the formation of high concentrations of dust. Check other storage and handling requirements with reference also to the data given in section 10 of this sheet. The magnetized product should be protected. Store in the original packaging.

7.3. End-use (s)

Apart from the uses described in Section 1.2, there are no other special uses.

7.4 Security Notices

Ingestion: Children may swallow small magnets.

In the event that several magnets are swallowed, they can stop in the intestines and cause injuries that can be fatal. Magnets are not toys! Make sure they don't end up in the hands of children.

Bruises: Larger magnets have a considerable force of attraction.

Careless handling of magnets can cause fingers or skin to get stuck between two magnets. This can result in bruises and bruises in the affected parts. Very large magnets, with their strength, can cause fractures. To handle larger magnets, use thick protective gloves.

Pacemakers: Magnets can affect the functioning of pacemakers and implanted defibrillators. A pacemaker may automatically switch to test mode and cause illness. A defibrillator may also stop working. If you wear one of these devices, keep a safe distance from the magnets. Warn wearers of these devices not to go near the magnets.

Heavy objects: Excessive or sudden loads, aging, or material defects can cause a magnet or magnetic hook to detach from the support surface. Falling objects can cause serious injury. The indicated adhesive force is only achieved under ideal conditions. Provide a large margin of safety. Do not use magnets in places where sagging materials may cause personal injury.

Magnetic field: Magnets generate an extended and powerful magnetic field. They can damage televisions and laptops, credit and debit cards, computer media, mechanical watches, hearing aids, speakers, and other devices. Keep magnets away from all appliances and objects that could be damaged by strong magnetic fields.

Consult our technical department for information on recommended distances.

Air freight: Magnetic fields generated by improperly packed magnets can affect aircraft navigation devices. In the worst-case scenario, this could result in an accident. Only ship magnets by air in packaging with sufficient magnetic shielding. Stricter rules apply for shipping by air freight: see section 14 of this safety sheet.



MyP Magnetica Italiana S.r.l.

FLEXIMIUM MAG

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

Postal shipping: Magnetic fields generated by improperly packaged magnets can cause interference in automated sorting systems and damage goods that are in other packages. Use a large box and place the magnets in the center of the package and surround them with packing material. Arrange the magnets inside the pack so that the respective magnet fields neutralize each other. If necessary, use sheet metal to shield the magnetic field. See section 14 of this safety sheet.

Effect on people: According to our current knowledge, the magnetic fields of permanent magnets have no measurable effect, positive or negative, on people. The magnetic field of a permanent magnet is unlikely to be harmful to health, but this risk cannot be completely excluded. To be on the safe side, avoid prolonged contact with the magnets. Keep larger magnets at least one meter away from your body.

Demagnetization caused by fused and/or sintered neodymium magnets: Plastoneodymium magnets can demagnetize or change magnetization when placed in the vicinity of molten and/or sintered neodymium magnets. Keep the plastoneodymium magnets at least 5 cm away from the neodymium magnets and do not mix the two types of magnets.

Heat resistance: Plastoneodymium magnets have a maximum operating temperature of -40 to 120°C. Beyond the maximum declared temperatures, the bakelization process begins, i.e. the hardening of the rubber present within the mixture; the loss of flexibility, however, does not compromise the magnetic values.

Machining: Plastoneodymium magnets are NOT brittle. However, avoid the mechanical processing of magnets if you don't have the right tools and if you don't have the necessary experience.

SECTION 8. Exposure Control / Personal Protection

8.1. Control Parameters

Regulatory references:

BEL Belgium Royal Decree of 11/3/2002. The list is updated for 2010

CHE Switzerland / Schweiz Exposure limit values at workplaces 2012. / Limit values in the workplace

FRA France JORF n°0109 of 10 May 2012 page 8773 text n° 102

GRB United Kingdom EH40/2005 Workplace exposure limits

IRL Éire Code of Practice Chemical Agent Regulations 2011

ITA Italy Legislative Decree 9 April 2008, n.81

SVN Slovenia Official Gazette of the Republic of Slovenia on 15.6.2007

EU OEL EU Directive 2009/161/EU; Directive 2006/15/EC;

Directive 2004/37/EC;

Directive 2000/39/EC.TLV-ACGIH ACGIH 2014.



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

It is recommended that exposure limit values be taken into account in the risk assessment process provided by the ACGIH for inert dusts not otherwise classified (PNOC fraction breathable: 3 mg/mc; PNOC inhalable fraction: 10 mg/mc). If these limits are exceeded, recommends the use of a type P filter whose class (1, 2 or 3) must be chosen based on the outcome of the risk assessment.

8.2. Exposure controls.

Technical measures and appropriate work operations must be prioritized over the use of personal protective equipment. See section 7.1

Protect the body by means appropriate to the type and concentration of the existing risk in the workplace. Clarify with the supplier the chemical resistance of the protection.

HAND PROTECTION

No specific personal protective equipment is required if the product is used under normal conditions; alternatively, it is recommended to protect your hands with work gloves in accordance with EN 374.

SKIN PROTECTION

No specific personal protective equipment is required if the product is used under normal conditions; alternatively, it is recommended to protect the body with work clothes in accordance with EN ISO 20344. Wash with soap and water after removing protective clothing.

EYE PROTECTION

Specific eye protection equipment is not normally required.

RESPIRATORY PROTECTION

In case of exposure to concentrations of a substance above the exposure limit values, use an appropriate protective device commensurate with the known or expected level of exposure and complying with the relevant EN standards (filtering face mask certified according to UNI EN 149 or dust mask certified according to UNI EN 140). In case of insufficient ventilation, it is recommended to use suitable respiratory equipment. A nose-to-mouth mask equipped with a P2 or P3 dust filter (UNI EN 143) is recommended.

ENVIRONMENTAL EXPOSURE CONTROL

Avoid creating dusty conditions and prevent wind loss.

Emissions from production processes, including those from ventilation equipment, should be controlled in order to comply with environmental protection legislation. Product residues must not be discharged unchecked into wastewater or waterways.

SECTION 9. Physical and chemical properties.

9.1. Information on General Physical and Chemical Properties

Physical State: Solid



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

Color:	Grey
Smell:	Characteristic
Olfactory threshold:	Data not applicable.
pH:	Not applicable
Melting or freezing point:	Not available.
Initial boiling point:	This is not applicable because the product is a mixture.
Boiling range:	Data not available.
Flash Point:	$V \leq 0.01 \text{mm} \cdot \text{minute}$ (flash rate).
Evaporation rate:	This is not applicable because the product is solid.
Evaporation rate:	This is not applicable because the product is solid.
Flammability of solids and gases:	Does not apply to inorganic substances.
Lower flammability limit:	Data not available.
Upper flammability limit:	Data not available.
Lower Explosive Limit:	No data available.
Explosive Upper Limit:	Not available.
Vapor pressure:	This is not applicable because the product is a mixture
Vapor Density:	This is not applicable because the product is solid.
Relative density:	3.5-4.0 gr/cm ²
Partition coefficient (n-octanol/water):	Not required for inorganic substances.
Auto-ignition temperature:	Data not applicable, the product is non-combustible
Decomposition temperature:	Data not available.
Viscosity:	Not available.
Explosive properties:	Not applicable (absence of chemical groups associated with explosive properties in accordance with the provisions of Annex I, Part 2, Chapter 2.1.4.3 of reg. (EC) 1272/2008 – CLP).
Oxidizing properties:	Not applicable (no related requirements the presence of atoms and/or chemical bonds associated with Oxidizing properties in the molecules of the components in accordance with the provisions of Annex I, Part 2, 2.13.4 of reg. (EC) 1272/2008 – CLP).

9.2. Learn more.

No further useful information about it.

SECTION 10. Stability and responsiveness.

10.1. Responsiveness

Under normal conditions of use and storage there is no particular risk of reaction with other substances.

10.2. Chemical Stability

Stable under normal conditions of use/handling and storage.



MyP Magnetica Italiana S.r.l.

FLEXIMIUM MAG

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

10.3. Possibility of dangerous reactions

Under normal conditions of use and storage, no dangerous reactions are to be expected.
Check section 10.1 of this MSDS.

10.4. Conditions to be avoided

To the best of our knowledge, there are no conditions to be avoided.

10.5. Incompatible Materials

The materials incompatible with the product under investigation are: strong oxidizing agents, strong bases and carbon oxides.

10.6. Hazardous Decomposition Products

Under normal conditions of storage and use, no hazardous decomposition products are produced.

SECTION 11. Toxicological information.

11.1. Information on toxicological effects

Since no experimental toxicological data are available on the product in question, the possible health hazards of the product have been assessed on the basis of the properties of the substances contained, according to the criteria set out in the reference legislation for classification. Therefore, consider the classification of the individual hazardous substances that may be mentioned in section 3 in order to assess the toxic effects resulting from exposure to the product.

Acute toxicity. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as acute toxic.

Skin corrosion / Skin irritation. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as cutaneous corrosive or skin irritation.

Severe Eye Damage / Eye Irritation. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as an irritant to the eyes.

Respiratory or skin sensitization. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as respiratory or skin sensitizing.

Germ cell mutagenicity. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as a germ cell mutagen.

Carcinogenicity. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as carcinogenic.

Reproductive toxicity. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as toxic for reproduction.



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

Specific Target Organ Toxicity (STOT) - single exposure. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as toxic specific for target organs – single exposure.

Specific Target Organ Toxicity (STOT) - repeated exposure. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as toxic specific to target organs – repeated exposure.

Danger in case of suction. On the basis of the available data, and on the basis of the classification table of Annex. I, part 3 of Regulation (EC) 1272/2008 and subsequent amendments, the product is not classified as dangerous in case of aspiration.

In any case, it is recommended to operate in compliance with the regulations regarding health and safety in the workplace.

Toxicological information on individual substances:

IRON: LD50 (Oral) > 7500 mg/kg rat;
LOAEL (Oral 90 days) > 26 mg/kg body weight/day;
NOAEC (Inhalation) > 0.005 mg/l/4h rat.

BORON: LD50 (Oral) > 2000 mg/kg rat;

The polymers present in the mixture do not have relevant toxicological data; the individual substances present in the polymer cannot be released under normal conditions of use.

SEZIONE 12. Ecological information.

12.1. Toxicity

Use according to good working practices, avoiding dispersing the product into the environment.

Notify the relevant authorities if the product has reached waterways or sewers, or if it has contaminated soil or vegetation.

On the basis of the assessment of the classification of the components and the provisions of classification of Annex I, part no. 4 of EC Regulation 1272/2008 and subsequent amendments, the mixture in

object is not classified as hazardous to the environment.

The polymer present in the mixture does not have relevant toxicological data; The individual substances present in the polymer cannot be released under normal conditions of use.

Acute Aquatic Toxicity : Unclassified

Chronic Aquatic Toxicity: Unclassified

Boron (7440-42-8)



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

ErC50 alghe (96h)	52,4 mg/l Pseudokirchneriella subcapitata
Boron (7440-42-8)	
NOEC cronico pesce	3,5 mg/l Ictalurus punctatus
NEODYMIUM	
Persistence and degradability	No data available.
NEODYMIUM	
Ecologia - suolo	Unavailable.
NEODYMIUM	
Questa sostanza/miscela non soddisfa i criteri PBT del Regolamento REACH, allegato XIII	
This substance/mixture does not meet the vPvB criteria of the REACH Regulation, Annex XIII	

12.2. Persistence and Degradability

No useful information about it.

12.3. Bioaccumulation Potential

n-octanol/water partition coefficient (log Pow): n.a.

12.4. Mobility in the Soil

No useful information about it.

12.5. PBT and vPvB Assessment Results

Based on the available data, the product does not contain any PBT or vPvB substances as a percentage more than 0.1%.

12.6 Evaluation results Phthalates and other SVHC candidates

According to the available data, the non-Phthalate product **and** other SVHC candidate substances, of which Annexes XIII and XIV of the REACH regulation, in a percentage greater than 0.1%.

12.7. Other Adverse Effects

No major effects or known critical hazards.

Additional ecological information : We do not have quantitative data on the effects of the eco-friendly characteristics of this product.

SECTION 13. Disposal considerations.

13.1. Waste Treatment Methods

Recycle, if possible. Waste generation should be avoided or minimized wherever possible. The residues of the product as they are are to be considered special waste Dangerous.

Empty containers can retain product residues. Do not dispose of residues in the Sewage; Do not dispose of the product and container unless proper precautions are taken.



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

Dispose of in accordance with applicable local or national laws.
For appropriate collection methods and personal and environmental precautions, please refer to the Section 6

SECTION 14. Transportation information.

From the various tests performed on the product, it can be said that it falls into the category of non-dangerous goods,
when packaged inside packaging shielded with thin iron plates.
Transport, including loading and unloading, should be carried out by persons who have received the necessary training required by the modal regulations concerning the transport of dangerous goods.
In particular, you are requested to follow the following provisions regarding transport:

ADR: - Goods not regulated as dangerous -

14.1 Number ONU:

ADR/RID : - IMDG: IATA: UN 2807

Note: Magnetic material is NOT hazardous.

For shipping, the product is not considered hazardous according to the IMDG standard. It is recommended to keep goods away from sensitive electrical, electronic and mechanical components.

As far as UN regulations are concerned, the material should NOT be considered hazardous.

For air shipping, the product is considered hazardous according to IATA regulations. KEEP AWAY FROM THE AIRCRAFT'S COMPASS DETECTION UNIT.

14.2 UN Shipping Name:

ADR / RID: non-hazardous goods from the point of view of specified regulations

IMDG: Perform tests for classification according to IATA regulations (see Class 9 / Packaging Instruction 953). Magnetized material

IATA: Perform tests for classification according to IATA regulations (see Class 9 / Packaging Instruction 953). Magnetized material

-TEST observations: At a distance of 4.6 m (15 ft) the maximum observed field strength is less than 0.418 A/m (0.00525 Gauss): Magnetized material. Hazardous Transportation Material: "KEEP AWAY FROM THE COMPASS DETECTION UNIT OF THE AIRCRAFT"

14.3 Transport-related hazard classes:

ADR / RID : - IMDG: (If the test is positive, 9)

IATA: (If the test is positive, 9)

14.4 Packing Group:

ADR/RID : - IMDG: (If the test is positive, III) IATA: (If the test is positive, III)

14.5 Environmental Hazards:



MyP Magnetica Italiana S.r.l.

FLEXIMIUM MAG

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

ADR / RID: no I. MDG Marine pollutant: no. IATA: no

14.6 Special precautions for users: No useful information on this. Packaging boxes with magnetized parts inside generate magnetic fields and are able to attract magnetizable materials.

14.7 Carriage of bulk cargo according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable, there is no provision for the transport of bulk.

SECTION 15. Regulatory Information.

15.1. Health, safety and environmental standards and legislation specific to the substance or blend

Restrictions pursuant to Annex. XIV of the REACH Regulation (substances subject to authorisation): None

Restrictions pursuant to Annex. XVII of REACH Reg. (substances subject to restrictions on use): None

The product and/or substances contained therein, at the date of the SDS review, are not included in the SVHC Candidate List.

Category: Seveso

Nessuna

Health Checks

Information Not Available

RoHS EU Delegation Directive 2015/863 Annex II

On the basis of the available data and analytical results, the product does not contain any elements/substances in concentrations exceeding the acceptance limits required by the Directive.

15.2. Chemical Safety Assessment.

Since the substance is exempt from the registration requirement pursuant to Art. 2 paragraph 7 of the Regulation (EC) 1907/2006, is not subject to the obligation of a safety assessment chemistry.

SECTION 16. Learn more.

Text of the hazard statements (H) referred to in sections 2 and 3 of this factsheet:

EUH210 Safety Data Sheet available on request.

LEGEND:

- ADR: European Agreement for the Carriage of Dangerous Goods by Road
- CAS NUMBER: Numero del Chemical Abstract Service
- CE50: Concentration affecting 50% of the test population
- CE NUMBER: Identification number in ESIS (European Repository of Existing Substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived layer with no effect
- EmS: Emergency Schedule
- GHS: Global Harmonized System for the Classification and Labeling of Chemicals



MyP Magnetica Italiana S.r.l.

FLEXIMIUM MAG

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

- IATA DGR: International Association Regulations for the Transport of Dangerous Goods of air transport
- IC50: Immobilization concentration of 50% of the test population
- IMDG: International Maritime Code for the Carriage of Dangerous Goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic according to REACH
- PEC: Predictable Environmental Concentration
- PEL: Predictable level of exposure
- PNEC: Predictable concentration with no effect
- REACH: EC Regulation 1907/2006
- RID: Regulations for the International Carriage of Dangerous Goods by Rail
- TLV: Threshold limit value
- TLV CEILING: Concentration that should not be exceeded during any time of exposure Working.
- TWA STEL: Short-Term Exposure Limit
- TWA: Weighted Average Exposure Limit
- VOC: Volatile Organic Compound
- vPvB: Very persistent and very bioaccumulative according to REACH
- WGK: Aquatic hazard class (Germany).
- RoHS Directive (EU) 2015/863 – Annex II
- REACH Regulation 1907/2006/EC: SVHC Substance Candidate List Update
- EPA Regulation of Persistent, Bio-accumulative, and Toxic Chemicals Under TSCA Section 6(h): List Update
- Safe Drinking Water and Toxic Enforcement Act: Dangerous Substance List, OEHHA
- POP Regulation UE n.2019/2021 – Persistent Organic Pollutants Substance List

Bibliography and sources of information

Directive 1999/45/EC as amended
Directive 67/548/EEC and subsequent amendments and adaptations
Regulation (EC) 1907/2006 of the European Parliament (REACH)
Regulation (EC) 1272/2008 of the European Parliament (CLP)
Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
Regulation (EC) 453/2010 of the European Parliament
Regulation (EC) 286/2011 of the European Parliament (II Atp. CLP)
Regulation (EC) 618/2012 of the European Parliament (III ATP. CLP)
Regulation (EC) 487/2013 of the European Parliament (IV ATP. CLP)
Regulation (EC) 944/2013 of the European Parliament (V ATP. CLP)
The Merck Index Ed. 10
Handling Chemical Safety
INRS – Fiche Toxicology



MyP Magnetica Italiana S.r.l.

Revision n. 1

Review date: 25.01.23

Printed on 25.01.23

FLEXIMIUM MAG

Patty – Industry Hygiene and Toxicology

N.I. Sax – Dangerous properties of Industrial Materials – 7 Ed.1989

Training tips

In addition to environmental, health and safety training programs for their workers, companies must ensure that workers read, understand and apply the requirements of this Safety Data Sheet.

Note to the user:

The information contained in this sheet is based on the knowledge available from us as of the date of the latest version. The user must ensure that the information is suitable and complete in relation to the specific use of the product.

This document should not be construed as a guarantee of any specific property of the product.

Since the use of the product is not under MyP Magnetica Italiana direct control, it is the user's obligation to comply with the applicable laws and regulations on hygiene and safety under their own responsibility. MyP Magnetica Italiana do not accept responsibility for improper use.