

MAGNETIC SHEET/STRIP | PRODUCT DATA SHEET

ISO 9001 and ISO 14001 Certified | Revision date: 16/04/2015

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

PRODUCT DESCRIPTION: MAGNETIC SHEET/STRIP

REACH Reg. No.: No registration number is given.

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

Identified uses: Used in stationery, toy, poster, gift.

Uses advised against: No information available.

1.3 Details of the supplier of the SDS

Manufacturer: Bakker Magnetics BV
Address: Sciencepark Eindhoven 5502
Postcode: 5692 EL Son, The Netherlands
E-mail: info@bakkermagnetics.com
Telephone: +31 40 2 678 830

1.4 Emergency telephone number

+31 40 2 678 830

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

This product is not classified as hazardous.

Classification according to Directive 67/548/EEC[DSD] or Directive 1999/45/EC[DPD]

This product is not classified as hazardous.

2.2 Label elements

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

Hazard pictogram(s): No pictogram is used.
Signal word: No signal word is used.
Hazard statement(s): No hazard statement.
Precautionary statement(s): No precautionary statement.
Supplemental Hazard information (EUH): No information available.
Special rules for supplemental label elements for certain mixtures: No information available

2.3 Other hazards

No information available.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance/Preparation information

Ingredients information:

Ingredient name	CAS No.	Classification under DSD	Classification under CLP	% (w/w)
Dodecairon strontium nonadecaoxide	12023-91-5	Not classified.	Not classified.	88%
Chlorinated polyethylene	64754-90-1	Not classified.	Not classified.	11%
Epoxidized soya bean oil	8013-07-8	Not classified.	Not classified.	0.4%
Stearic acid	57-11-4	Not classified.	Not classified.	0.2%
Zinc stearate	557-05-1	Not classified.	Not classified.	0.2%
Calcium stearate	1592-23-0	Not classified.	Not classified.	0.2%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General notes:

In all cases of doubt, or when symptoms persist, seek medical attention.

Following inhalation:

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Get medical attention if you feel unwell.

Following skin contact:

Wash with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical attention.

Following ingestion:

Rinse mouth. Call a POISON Center or doctor if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

The product itself is not harmful. May generate dust in the course of use, if inhaled may cause cough, chest pain, difficulty in breathing, gastrointestinal disturbance.

4.3 Indication of the immediate medical attention and special treatment needed

No information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating or toxic gases/vapors: Carbon oxides, nitrogen oxides, metal oxides.

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5.3 Advice for fire-fighters

Wear self-contained breathing apparatus and chemical-protective clothing. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to SECTION 8 for personal protective equipment. Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Remove all sources of ignition.

6.2 Environmental precautions

Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

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 information on disposal.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Provide appropriate exhaust ventilation at places where dust is formed. Use personal protective equipment as required. Avoid breathing dust. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a cool, well-ventilated place. Keep away from heat and ignition sources.

7.3 Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values:

Zinc stearate: PEL (USA): 15* 5** mg/m³
*total dust **respirable fraction
REL (USA): 10* 5** mg/m³
*total dust **respirable fraction
TLV (USA): 10 mg/m³

DNEL (Derived No Effect Level) for workers and the general population: Not available.

PNEC (Predicted No Effect Concentration) values: Not available.

8.2 Exposure controls

Appropriate engineering controls:

Provide local exhaust or process enclosure ventilation system.

Personal protective equipment:

Eye and face protection: Wear protective eye/face protection.

Skin protection: Wear protective gloves/clothing to prevent contact.

Respiratory protection: In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls: Discharge into the environment must be avoided.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Black solid
Odour:	Odourless.
pH:	No data available.
Melting point:	No data available.
Boiling point:	No data available.
Flash point:	Not applicable.
Evaporation rate:	No data available.
Flammability (solid, gas):	Non flammable.
Vapour pressure:	No data available.
Density:	No data available.
Solubility in Water	Insoluble
Partition coefficient: n-octanol/water:	No data available.
Viscosity:	No data available.
Explosive properties:	Non explosive.
Oxidising properties:	No oxidising properties.

9.2 Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended storage and handling conditions (see SECTION 7, handling and storage).

10.2 Chemical stability

Stable under normal conditions of use.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Keep away from strong heating and incompatible materials.

10.5 Incompatible materials

Strong acids, Strong bases.

10.6 Hazardous decomposition products

Carbon oxides, nitrogen oxides (NOx), metal oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Oral, LD50 :	No data available.
	Inhalation, LC50:	No data available.
	Dermal, LD50:	No data available.
Skin corrosion/irritation:		No information available.
Serious eye damage/irritation:		No information available.
Respiratory or skin sensitization:		No information available.
Germ cell mutagenicity:		No information available.
Carcinogenicity:		No information available.
Reproductive toxicity:		No information available.
STOT-single exposure:		No information available.
STOT-repeated exposure:		No information available.
Aspiration hazard:		No information available.

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SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicity	Fish, LC50:	No data available.
	Crustacea, EC50:	No data available.
	Algae, EC50:	No data available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal must be made according to local and national regulations. Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 UN Number

Not regulated as dangerous goods.

14.2 UN proper shipping name

Not regulated as dangerous goods.

14.3 Transport hazard class(es)

Not regulated as dangerous goods.

14.4 Packing group

Not regulated as dangerous goods.

14.5 Environmental hazards

Not marine pollutant.

14.6 Special precautions for user

No information available.

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

No information available.

SECTION 15: REGULATORY INFORMATION

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

EU regulation:

Authorisations:	No information available.
Restrictions on use:	No information available.
EINECS:	CAS# 12023-91-5, 8013-07-8, 57-11-4, 557-05-1, 1592-23-0 are listed in.
DSD (67/548/EEC):	All ingredients are not listed in.

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Ingredients information:

CAS No.	USA TSCA	Canada DSL	Australia AICS	Korea ECL	Japan ENCS	China IECSC
12023-91-5	Listed	Listed	Listed	Listed	Listed	Listed
64754-90-1	Listed	Listed	Listed	Listed	Listed	Listed
8013-07-8	Listed	Listed	Listed	Listed	Listed	Listed
57-11-4	Listed	Listed	Listed	Listed	Listed	Listed
557-05-1	Listed	Listed	Listed	Listed	Listed	Listed
1592-23-0	Listed	Listed	Listed	Listed	Listed	Listed

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this product.

SECTION 16: OTHER INFORMATION

16.1 Revision Information

Date of the previous revision: Not applicable. Date of this revision: 16/04/2015.
 Revision summary: The first new SDS

16.2 Abbreviations and acronyms

CLP: EU regulation (EC) No 1272/2008 on classification, labelling and packaging of chemical substances and mixtures.
 CAS: Chemical Abstracts Service (division of the American Chemical Society).
 EINECS: European Inventory of Existing Commercial Chemical Substances.
 DSD: Dangerous Substance Directive (67/548/EEC).
 OSHA: Occupational Safety and Health Administration.
 TSCA: Toxic Substances Control Act, The American chemical inventory.
 DSL: Domestic Substances List, The Canadian chemical inventory.
 AICS: The Australian Inventory of Chemical Substances.
 ECL: Existing Chemicals List, the Korean chemical inventory.
 ENCS: Japanese Existing and New Chemical Substances.
 IECSC: Inventory of existing chemical substances in China.

16.3 Key literature references and sources for data

Provided by company.

16.4 Relevant R-phrases/H-statements

Not applicable. This product is not classified as hazardous substance/mixture.

16.5 Training advice

Provide adequate information, instruction and training for operators.

16.6 Declare to reader

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy. This SDS was prepared to provide safety preventive measures for the users who have got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage. According to REACH Article 31(5), the SDS shall be supplied in an official language of the Member State(s) where the substance or mixture is placed on the market, unless the recipient Member State(s) concerned provide otherwise. It should also be noted that this SDS is applicable to the countries with English as an official language.

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