



MSDS

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Issue Date: Dec. 05, 2025

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Materials Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Identification

Sample Name:	Ferrite Ordinary magnet
Applicant:	Co., Ltd.
Address:	Yiwu City
Manufacturer:	Co., Ltd.
Address:	Yiwu City

USA Contact Information: Hayes Specialties Corp.
1761 E Genesee Ave, Saginaw, MI 48601
Phone:(800)521-5219 Email: info@eHayes.com

Section 2 - Hazards identification

《REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures》

《Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) 》

Classification of the substance or mixture	No data available
Label elements	No data available
Other hazards	No data available

Section 3 - Composition/Information on Ingredients

Chemical Composition	CAS No.	Weight
Triiron tetraoxide	1317-61-9	71%
Strontium carbonate	1633-05-2	16%
Barium oxide	1304-28-5	7%
Calcium oxide	1305-78-8	3%
Manganese oxide	1317-34-6	2%
Silicon dioxide	7631-86-9	1%

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Section 4 - First-aid Measures

Consult a physician. Show this safety data sheet to the doctor in attendance.

Eyes	Flush eyes with water as a precaution.
Skin	Wash off with soap and plenty of water.
Inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 - Fire Fighting Measures

Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture	Carbon oxides, Nitrogen oxides (NOx)
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary. Spray water to cool unopened containers.
Further information	Use water spray to cool unopened containers.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precautions	Do not let product enter drains
Methods and materials for containment and cleaning up	Sweep up and shovel. Keep in suitable, closed containers for disposal.

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Section 7 –Handling And Storage

Precautions to be taken in handling and storing	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
Conditions for safe storage, including any incompatibilities	Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Section 8 - Exposure Controls/Personal Protection

Appropriate engineering controls	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Ventilation	Not necessary under conditions of normal use.
Other Protective Clothing or Equipment	Not necessary under conditions of normal use.
Personal Protection	<p>Eye/face protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).</p> <p>Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.</p> <p>Body protection: Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.</p> <p>Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator</p>

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	<p>is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).</p> <p>Environmental exposure control:</p> <p>Prevent further leakage or spillage if safe to do so. Do not let product enter drains.</p>
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Section 9 - Physical and Chemical Properties

Appearance	No data available
Odor	No data available
Colour	No data available
pH	No data available
Flash point	No data available
Boiling point	No data available
Flammability	No data available
Density/relative density	No data available
Water solubility	No data available
Solubility of other solvents	No data available

Section 10 - Stability and Reactivity

Chemical Stability	Stable under recommended storage conditions.
Conditions to avoid	No data available.
Incompatible materials	Reducing agents, Water, Amines, Alcohols, Alkali metals, Oxidizing agents, Strong oxidant
Possibility of hazardous reactions	No data available.
Hazardous Polymerization	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx) Other decomposition products - No data available

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Section 11 - Toxicological Information

Signs & symptoms	No data available
Inhalation	No data available
Skin contact	No data available
Ingestion	No data available

Section 12 - Ecological Information

Eco-toxicity	No data available
Bioaccumulation potential	No data available
Environmental fate	No data available

Section 13 - Disposal considerations

Product	This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging	Dispose of as unused product.

Section 14 - Transport Information

UN number	ADR/RID: -- IMDG: -- IATA: --
UN proper shipping name	ADR/RID: Not dangerous goods IMDG: Not dangerous goods IATA: Not dangerous goods
Transport hazard class(es)	ADR/RID: -- IMDG: -- IATA: --
Packaging group	ADR/RID: --

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	IMDG: -- IATA: --
Environmental hazards	ADR/RID: no IMDG: no IATA: no
Special precautions for user	No data available

Section 15 - Regulatory Information

Special requirement be according to the local regulations.

- 《Dangerous Goods Regulations》
- 《Recommendations on the Transport of Dangerous Goods Model Regulations》
- 《International Maritime Dangerous Goods》
- 《Technical Instructions for the Safe Transport of Dangerous Goods》
- 《Classification and code of dangerous goods 》
- 《Occupational Safety and Health Act 》 (OSHA)
- 《Toxic Substance Control Act》 (TSCA)
- 《Consumer Product Safety Act 》 (CPSA)
- 《Federal Environmental Pollution Control Act》 (FEPCA)
- 《The Oil Pollution Act》 (OPA)
- 《Superfund Amendments and Reauthorization Act TitleIII(302/311/312/313) 》 (SARA)
- 《Resource Conservation and Recovery Act》 (RCRA)
- 《Safety Drinking Water Act》 (CWA)
- 《California Proposition 65》
- 《Code of Federal Regulations》 (CFR)

Section 16 - Other Information

Note	This Sheet is provided as technical information only. The information and recommendations set forth are made in good faith and believed to be accurate as of the date of preparation. Precise Testing & Certification (Guangdong) Co., Ltd.(PTC). makes no warranty, expressed or implied, with respect to this information and disclaims all liabilities from reliance on it.
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End of MSDS

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