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Magformers Inspire 30-Piece Set (Model 63097)

Magformers Inspire 30-Piece Set Instruction Manual

Model: Inspire 30-Piece Set (63097)

Brand: Magformers

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Magformers Inspire 30-Piece Set. Please read these instructions carefully before use and retain them for future reference. The Magformers Inspire set is designed to encourage creative play and develop problem-solving skills through magnetic construction.



Image 1.1: The Magformers Inspire 30-Piece Set packaging alongside a vibrant, multi-faceted geometric structure built using the magnetic tiles. The set includes squares and triangles in pink, purple, and blue.

2. WHAT'S IN THE BOX

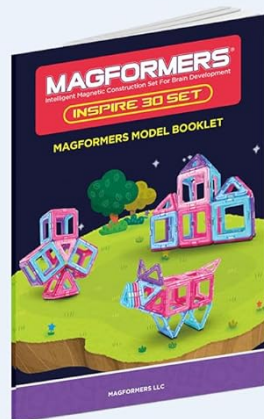
Your Magformers Inspire 30-Piece Set includes the following components:

- 18 x Square Magnetic Tiles
- 12 x Triangular Magnetic Tiles
- 1 x Idea Booklet

Explore Endless Possibilities

Inspire Set

30
PIECE
SET



Booklet
X 1



Triangle
X 12



Square
X 18

Step into a fantastical realm where squares and triangles serve as the canvas for your imagination, merging vivid, dreamlike colors and boundless possibilities into extraordinary masterpieces

Image 2.1: The complete contents of the Magformers Inspire 30-Piece Set, featuring one instruction booklet, twelve triangular magnetic tiles, and eighteen square magnetic tiles. The tiles are shown in various colors, ready for assembly.

3. SETUP

The Magformers Inspire set requires minimal setup. Simply unpack all components from the box. The magnetic tiles are ready for immediate use. No batteries or complex assembly are required for the tiles themselves.

1. Carefully remove all magnetic tiles and the idea booklet from the packaging.
2. Ensure all pieces are present as listed in Section 2.
3. The tiles are designed for instant magnetic connection.

4. OPERATING INSTRUCTIONS

Magformers tiles utilize neodymium rare-earth magnets encapsulated within each piece, allowing for secure and instant connections. The unique design ensures that magnets always attract, preventing rejection and facilitating easy construction.

4.1 Basic Construction

- **Connecting Tiles:** Bring any two edges of the magnetic tiles together. The internal rotating magnets will automatically align, creating a strong bond.
- **Building 2D Shapes:** Start by laying tiles flat on a surface to form various two-dimensional shapes like squares, triangles, or larger polygons.
- **Transforming to 3D:** Once a 2D net is formed, gently lift the edges. The magnetic connections will allow the structure to fold upwards, transforming into a three-dimensional shape such as a cube, pyramid, or more complex geometric forms.

4.2 Creative Play and Educational Benefits

The Magformers Inspire set promotes several developmental areas:

- **Magnetic Connectivity:** Explore the principles of magnetism through hands-on interaction.
- **Spatial Awareness:** Develop an understanding of spatial relationships and geometric concepts by building various structures.
- **Fine Motor Skills:** Manipulating the tiles enhances dexterity and hand-eye coordination.
- **Engineering Skills:** Lay the groundwork for basic engineering principles through design and construction.



Magnetic Connectivity

Explore the fascinating world of magnets while building



Develop Spatial Awareness

Help children understand spatial relationships through construction play



Improve Fine Motor Skills

Manipulating Magformers tiles helps enhance fine motor skills in children



Cultivate Engineering Skills

Lay the groundwork for engineering principles through Magformers play

Image 4.1: A young child is depicted sitting on the floor, actively engaged in building a structure with the colorful Magformers magnetic tiles. This demonstrates the hands-on play experience the set offers.

Awards

50+ educational and toy awards WORLDWIDE



Image 4.2: This image presents an infographic outlining the educational benefits derived from playing with Magformers. It emphasizes magnetic connectivity, development of spatial awareness, improvement of fine motor skills, and cultivation of

5. MAINTENANCE

Proper care and maintenance will ensure the longevity of your Magformers set.

5.1 Cleaning

- Wipe the magnetic tiles with a soft, damp cloth.
- Do not submerge the tiles in water or use harsh chemical cleaners, as this may damage the internal magnets or plastic.
- Ensure tiles are completely dry before storing.

5.2 Storage

- Store the tiles in a clean, dry place away from direct sunlight and extreme temperatures.
- Keep the tiles in their original packaging or a designated storage container to prevent loss and protect them from dust.

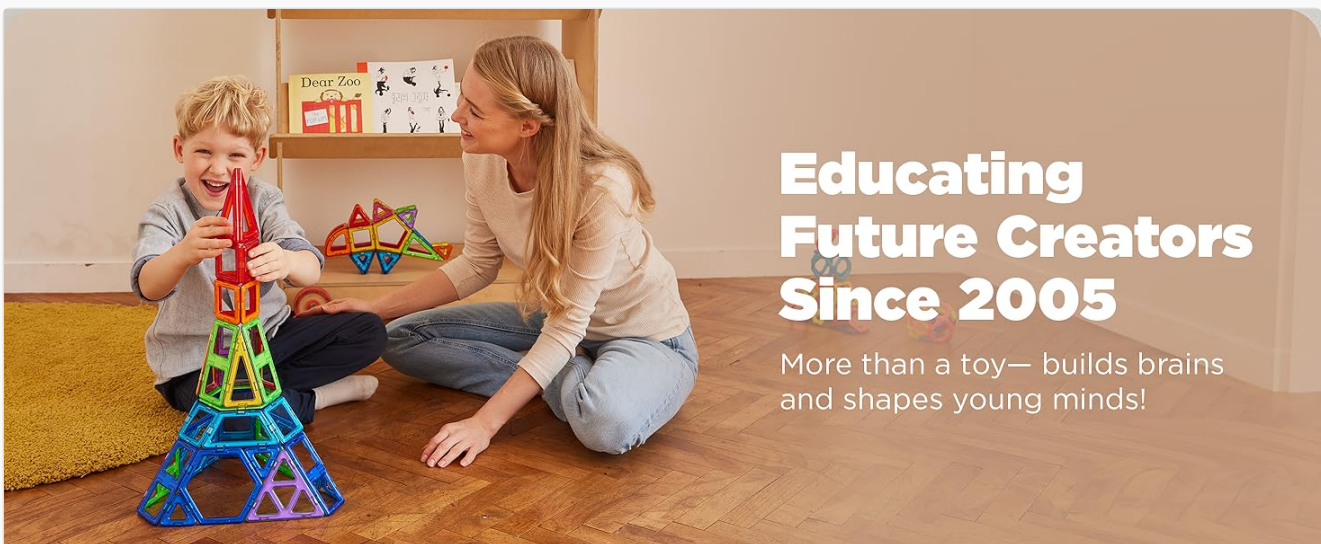


Image 5.1: This infographic highlights key features of Magformers tiles, including their construction from high-quality ABS plastic, sonic-welded design for durability, the use of neodymium rare-earth magnets for strong connections, and adherence to safety standards. It also shows a child and adult playing with the tiles.

6. TROUBLESHOOTING

Magformers are designed for durability and reliable performance. Should you encounter any issues, consider the following:

- **Tiles not connecting:** Magformers magnets are designed to always attract. Ensure you are attempting to connect the edges of the tiles. If a tile appears damaged or the magnets are not functioning, discontinue use.
- **Missing pieces:** Verify the contents against the list in Section 2. If pieces are missing from a new set, contact Magformers customer support.
- **Damaged tiles:** If any tile is cracked or broken, especially if magnets are exposed, immediately discontinue use and dispose of the damaged piece to prevent potential hazards.

7. SPECIFICATIONS

Feature	Detail
Product Name	Magformers Inspire 30-Piece Set
Model Number	63097
ASIN	B00CE04H0S
Number of Pieces	30 (18 Squares, 12 Triangles)
Materials	BPA-free ABS Plastic, Neodymium Rare-Earth Magnets
Product Dimensions	11.5 x 2 x 9.5 inches (packaging)
Item Weight	9.9 ounces
Recommended Age	3 years and up
Safety Certifications	US toy safety compliant, CE, ASTM, EN71 certified

8. IMPORTANT SAFETY INFORMATION

WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years.

This product contains small magnets. Swallowed magnets can stick together across intestines causing serious infections and death. Seek immediate medical attention if magnets are swallowed or inhaled.

- Always supervise children during play.
- Inspect tiles regularly for damage. Discard any broken or cracked pieces immediately.
- Keep magnetic tiles away from electronic devices and magnetic storage media, as strong magnets can interfere with their operation.

9. WARRANTY AND SUPPORT

Magformers strives to provide high-quality, reliable products. For information regarding product warranty, replacement parts, or customer support, please visit the official Magformers website or contact their customer service department directly. Contact details are typically available on the product packaging or the manufacturer's website.

For further assistance, please refer to the Magformers official website: www.magformers.com