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Model: 1 Gallon 16" Hex Shaft Mixer

INTRODUCTION AND PRODUCT OVERVIEW

Thank you for choosing the MBS 1 Gallon 16" Paint Mixer. This durable and efficient tool is designed to provide thorough mixing of various liquids, primarily paints, in containers up to one gallon in size. Its robust construction and hex shaft design ensure a secure fit and reliable performance with standard electric drills.

The mixer features a chromed metal construction for longevity and easy cleaning. Its 16-inch length allows for effective mixing in deeper containers, ensuring consistent results from top to bottom.

SETUP AND ASSEMBLY

The MBS Paint Mixer is designed for quick and easy setup with most standard electric drills. No complex assembly is required.

Attaching to an Electric Drill:

1. **Safety First:** Ensure your electric drill is unplugged or its battery is removed before attaching the mixer.
2. **Open Drill Chuck:** Rotate the drill chuck counter-clockwise to open the jaws wide enough to accept the mixer's hex shaft.
3. **Insert Hex Shaft:** Insert the hex shaft of the MBS Paint Mixer into the drill chuck. Ensure it is inserted as far as possible to provide maximum grip and stability.
4. **Tighten Chuck:** Rotate the drill chuck clockwise to securely tighten the jaws around the hex shaft. For drills with a keyless chuck, tighten firmly by hand. For drills with a keyed chuck, use the chuck key to ensure a very tight grip. A secure connection prevents slippage during operation.
5. **Verify Connection:** Gently pull on the mixer to confirm it is firmly seated and will not come loose during use.



Image: The MBS Paint Mixer, showing its hex shaft designed for secure attachment to an electric drill.

OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of your MBS Paint Mixer.

Mixing Procedure:

1. **Prepare Container:** Place the paint or liquid container on a stable, flat surface. Ensure the container is large enough to prevent splashing during mixing. The mixer is suitable for containers up to 1 gallon.
2. **Insert Mixer:** Carefully lower the mixer head into the liquid, ensuring it is fully submerged before starting the drill.
3. **Start Drill:** Begin mixing at a low speed to avoid splashing. Gradually increase the drill speed as needed to achieve the desired mixing action. Avoid excessively high speeds, which can introduce air bubbles or cause material to splash out.
4. **Move Mixer:** Move the mixer up and down, and in a circular motion within the container, to ensure thorough mixing of all contents, including any settled material at the bottom.

5. **Monitor Consistency:** Continue mixing until the liquid reaches a uniform consistency and color.
6. **Stop Drill:** Once mixing is complete, reduce the drill speed to low, then turn off the drill before carefully removing the mixer from the liquid.

Safety Precautions:

- Always wear appropriate personal protective equipment (PPE), such as safety glasses and gloves, when mixing.
- Ensure the work area is well-ventilated, especially when mixing paints or chemicals.
- Keep hands and loose clothing away from the rotating mixer head.
- Do not operate the mixer if it appears damaged or bent.
- Never leave the operating mixer unattended.



Image: The MBS Paint Mixer, illustrating its overall design and length.

MAINTENANCE AND CARE

Proper maintenance will extend the life of your MBS Paint Mixer and ensure its continued performance.

Cleaning:

- **Immediate Cleaning:** Clean the mixer immediately after each use, before paint or other materials have a chance to dry and harden on the mixing head.
- **Cleaning Method:** For water-based paints, rinse the mixer thoroughly with water. For oil-based paints or other stubborn materials, use an appropriate solvent or paint thinner as recommended by the paint manufacturer.
- **Scrubbing:** Use a stiff brush or rag to remove any remaining residue from the mixing head and shaft.
- **Drying:** After cleaning, wipe the mixer dry with a clean cloth to prevent rust, especially since it is chromed metal.

Storage:

- Store the clean and dry mixer in a cool, dry place, away from direct sunlight and extreme temperatures.

- Hang the mixer by its handle or store it flat to prevent bending or damage to the shaft or mixing head.

TROUBLESHOOTING

This section addresses common issues you might encounter while using your paint mixer.

Problem	Possible Cause	Solution
Mixer wobbles or slips in drill chuck.	Chuck not tightened sufficiently; shaft not inserted far enough; chuck jaws worn.	Ensure the hex shaft is fully inserted and the drill chuck is tightened very securely. If the problem persists, inspect your drill chuck for wear.
Material not mixing thoroughly.	Insufficient mixing time; incorrect drill speed; mixer not reaching bottom/sides of container; material too thick.	Increase mixing time. Adjust drill speed. Move the mixer throughout the entire volume of the container. For very thick materials, consider thinning according to manufacturer's instructions (if applicable).
Excessive splashing during mixing.	Drill speed too high; mixer not fully submerged; container too small.	Reduce drill speed. Ensure the mixer head is fully submerged before starting. Use a larger container if necessary.

SPECIFICATIONS

Feature	Detail
Product Name	MBS 1 Gallon 16" Paint Mixer
Model	1 Gallon 16" Hex Shaft Mixer
Material	Chromed Metal
Shaft Type	Hex Shaft
Length	Approximately 16 inches
Recommended Container Size	Up to 1 Gallon
Item Weight	8.2 ounces
Manufacturer	MBS PAINTING TOOLS
ASIN	B09GPV6TX7

WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact the manufacturer, MBS PAINTING TOOLS, or the retailer from whom you purchased this product. Please have your purchase receipt and product details (ASIN: B09GPV6TX7) available when contacting support.

Manufacturer: MBS PAINTING TOOLS

