



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224
Phone: 410-675-2100 or 800-543-3840

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DAP® Plaster of Paris for Hobby & Craft- Dry Mix

- Sets hard in 20 to 30 minutes for quick projects
- Great for casting molds
- Can be used for patching applications
- Easy to sand and paint
- Non-shrinking
- Smooth, bubble free formula

Packaging: 4.4 lb. box
Color: White
UPC Number: 70798 53005

Company Identification:

Manufacturer: DAP Products Inc., 2400 Boston St., Ste. 200, Baltimore, Maryland 21224
Usage Information: DAP HELPLINE: 888-DAP-TIPS, or call 1-888-DAP-TIPS or visit dap.com & click on "Ask the Expert".
Order Information: 800-327-3339
Fax Number: 410-534-2650

Product Description:

DAP® Plaster of Paris for Hobby & Craft is ideal for mold-making, sculptured figures and hobby and craft items. It sets hard in 20 to 30 minutes, dries snow white, and is non-shrinking. This hobby and craft formula can be painted with any oil or latex-based paint when dry. DAP® Plaster of Paris for Hobby and Craft can also be used for patching holes in plaster walls and ceilings.

Suggested Uses:

Ideal for mold making, casting sculptured figures and hobby and craft items. NOTE: DO NOT attempt to make a cast enclosing any part of the body using this material. Failure to follow these instructions may cause severe burns that may require surgical removal of affected tissues.

Surface Preparation & Application:

Casting:

1. The mold should be clean and free of loose material. For most uses, wetting the inside of the mold prior to pouring is sufficient. However, when a super-smooth surface is desired on your finished piece, a coat of mold release is recommended instead of water. A suggested mold release is a mixture of mineral spirits and petroleum jelly mixed to a watery consistency and applied with a brush to the inside of the mold.
2. Add DAP® Plaster of Paris for Hobby & Craft to clear cold water (40°F to 50°F) in a clean container mixing 2 parts powder to one part water. Stir to a smooth consistency. Do not mix more material than can be used in 7 to 12 minutes. Discard any material that has begun to harden.
3. Pour the mold in 4 or more parts. Fill ¼ of the mold up at a time and tap the mold on a tabletop to release air. Continue to fill mold ¼ at a time tapping as you go.

4. After 1 hour remove the dried Plaster of Paris from the mold. Allow the cast to dry 1-3 hours depending on size.
5. When dry, apply shellac to piece. Allow shellac to dry 2 hours before painting.

Patching:

1. Surface must be clean and free of wallpaper, loose paint, loose plaster, wax, dust, and dirt.
2. Undercut edges of existing plaster so patch anchors around opening.
3. Lightly dampen with water the area to be patched.
4. Add DAP® Plaster or Paris to clean water in a clean container mixing 2 parts powder to 1 part cold water. Stir to a smooth consistency. Do not mix more material than can be used in 7 to 12 minutes.
5. Apply the DAP® Plaster of Paris with a clean putty knife or trowel filling around edges. Remove excess materials so that plaster is level and flush with the surface being patched.
6. For large, deep openings apply a base layer and allow it to dry. When the base layer is dry, wet the surface and apply the finish layer to patch. When thoroughly dry, sand smooth. Make sure the plaster is completely dry and hard before painting.

FOR BEST RESULTS:

- Use cold water (40°F to 50°F) when mixing.
- Sand as needed before decorating. Wet sanding is recommended to avoid creating dust.
- Always use a good quality oil or latex-base paint for a professional finish.
- For repairs requiring a longer working time (over 7 to 12 minutes), use DAP® Plaster Wall Patch

Physical & Chemical Characteristics:

Vehicle:	Plaster
Filler:	Calcium Carbonate
Working Time:	7 to 12 minutes
Setting Time:	20 to 30 minutes
Final Curing:	3 days
Coverage:	4.4 lbs covers 2.45 sq.feet depending on thickness of patch.
MSDS No.	00079010001

Clean Up:

Clean tools immediately with water after use. Dried material must be cut, scraped or sanded away. Tightly seal container of unused material and store in a cool dry place.

Safety:

See product label or Material Safety Data Sheet for safety information. You can request an MSDS sheet by calling 888-DAP-TIPS or by visiting our website at www.dap.com.

Warranty Information:

If not satisfied with product performance when used as directed, return used container and sales receipt to DAP Products Inc., Technical Customer Service, 2400 Boston St., Baltimore, MD, 21224, for product replacement or sales price refund. DAP will not be liable for incidental or consequential damage.