

MASTER OF PLASTER FINISHING SYSTEMS TECHNICAL SHEETS: MSDS
 INTERIOR/EXTERIOR PLASTER FINISH COATINGS
 MATERIAL SAFETY DATA SHEET

MASTER OF PLASTER
 FINISHING SYSTEMS, INC.
 PO BOX 766
 IRMO, SC 29063

PLANT LOCATION
 1030 DRAKE ST.
 COLUMBIA, SC 29209

PRODUCT DESCRIPTION

MASTER OF PLASTER IS A 3-COAT PLASTER FINISHING SYSTEM. EACH UNIQUE FORMULATION IS USED FOR DISTINCT FIELD APPLICATIONS AND MEETS PERTINENT CRITERIA FOR EACH SPECIFIC USE. THE RESTORATION SYSTEM IS DESIGNED FOR USE IN PRESERVATION OF EXISTING FLAT WALL AND CEILING PLASTER SYSTEMS. THE MATERIAL SYSTEM ALLOWS FOR MAXIMUM RETAINAGE OF THE HISTORIC AND BUILT FABRIC. THE VENEER PLASTER SYSTEM IS DESIGNED SPECIFICALLY FOR USE IN NEW DESIGN/BUILD PROJECTS.

I: COMPOSITION: DETAILED OVERVIEW OF INGREDIENTS

MATERIAL	WT%
LIMESTONE-CALCIUM CARBONATE	80%
MICA	12%
PALYGORSKITE AND OTHER ORGANIC INERT INGREDIENTS	8%

II: HAZARD IDENTIFICATION

NFPA RATINGS

HEALTH 0
 FIRE 0
 REACTIVITY 0

HIMS RATINGS

HEALTH 0
 FIRE 0
 REACTIVITY 0

PERSONAL PROTECTION: USE EYE AND SKIN PROTECTION (GLOVES). ALL INGREDIENTS ARE MINIMALLY HAZARDOUS WHEN HELD IN SUSPENSION. **DO NOT SAND.**

III: FIRST AID PROCEDURES

EYES

IN CASE OF CONTACT DO NOT RUB OR SCRATCH YOUR EYES. FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES TO REMOVE PARTICLES.



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SKIN	WASH WITH MILD SOAP AND WATER. A COMMERCIALY AVAILABLE HAND LOTION MAY BE USED TO TREAT DRY SKIN AREAS. IF SKIN HAS BECOME CRACKED, KEEP CLEAN TO PREVENT INFECTION. IF IRRITATION PERSISTS, CONSULT A PHYSICIAN.
INHALATION	MATERIAL POSES NO HEALTH HAZARD WHILE HELD IN SUSPENSION. DO NOT SAND.
INGESTION	THIS MATERIAL SHOULD NOT BE INGESTED OR EATEN. NO HARMFUL EFFECTS ARE EXPECTED. IF GASTRIC DISTURBANCE OCCURS, CALL A PHYSICIAN.

IV: FIRE FIGHTING MEASURES

GENERAL FIRE HAZARDS	NOT EXPECTED TO BURN.
EXTINGUISHING MEDIA	WATER OR USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.
SPECIAL FIRE FIGHTING PROCEDURES	NONE
UNUSUAL FIRE & EXPLOSION HAZARDS	NONE
HAZARDOUS COMBUSTION PRODUCTS	ABOVE 800 DEGREES CELSIUS LIMESTONE MAY DECOMPOSE TO CALCIUM OXIDE (CAO) AND CARBON DIOXIDE (CO2).

WARRANTY

MASTER OF PLASTER SYSTEMS, INC. OFFERS A ONE YEAR LIMITED WARRANTY FOR FINISH COATING MATERIALS.

LIABILITY

WE SHALL NOT BE LIABLE FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES, DIRECTLY OR INDIRECTLY SUSTAINED, NOR FOR ANY LOSS CAUSED BY APPLICATION OF THESE MATERIALS NOT IN ACCORDANCE WITH CURRENT PRINTED INSTRUCTIONS OR FOR OTHER THAN INTENDED USE. OUR LIABILITY IS EXPRESSLY LIMITED TO REPLACEMENT OF DEFECTIVE MATERIALS.

CAUTIONS

MASTER OF PLASTER WAS DESIGNED NOT TO BE SANDED. THIS PRODUCT CONTAINS MICA. LONG TERM BREATHING OF LARGE AMOUNTS OF MICA DUST MAY CAUSE LUNG DISEASE. DO NOT SAND.

USE OF SAFETY GLASSES IS RECOMMENDED.



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KEEP OUT OF THE REACH OF CHILDREN.

PACKAGING

5-GALLON PAILS AND 1-GALLON SAMPLE PAILS (ALL MATERIALS ARE SHIPPED PRE-MIXED AND READY TO USE. DUE TO THE ORGANIC COMPOSITION OF THE PLASTERS HOWEVER, MIXING FOR A FEW SECONDS BEFORE APPLICATION WITH A MIXER AND DRILL PADDLE IS RECOMMENDED).

PRODUCT PROPERTIES:

- RESISTANT TO BACTERIA AND MOLD GROWTH
- PREVENTS FIRE AND HEAT TRANSFER
- NATURALLY REGULATES INTERIOR HUMIDITY AND TEMPERATURE LEVELS
- "BREATHES" WITH THE INTERIOR ENVIRONMENT
- CHEMICAL PROPERTIES CAUSES CARBONATION TO OCCUR – REMOVING CARBON DIOXIDE FROM THE SURROUNDING ENVIRONMENT.
- HIGHLY ARTISTIC FINISH WHICH ALLOWS FOR ONE OF THE MOST CREATIVE EXPRESSIONS IN ALL OF THE WALL AND CEILING INDUSTRY.
- THE TEXTURE AND FEEL OF PLASTER IS INCOMPARABLE TO ANY OTHER INTERIOR SURFACE MATERIAL, STIMULATING THE SENSE OF FEEL AND NOT ONLY THE SENSE OF SIGHT.
- EASE OF USE OF MOP'S PRE-MIXED FORMULATIONS ALLOWS FOR HIGHER EFFICIENCY, WORK SPEED, AND GREATER CONSISTENCY IN MATERIAL AND WALL FINISHES.
- EXTENDED WORKING TIMES ARE CREATED BY THE UNIQUE FORMULATION OF MOP AND COLD JOINTS ARE ELIMINATED, ALLOWING EACH INDIVIDUAL TO WORK AT THEIR OWN PACE, STOPPING AND STARTING AS THEY SEE FIT.

COLOR COMPOSITION

MATERIAL TINTS ARE CREATED USING A UNIVERSAL TINTING SYSTEM. CUSTOM COLORS ARE CREATED FOR CLIENTS ON PROJECT BY PROJECT BASIS AND ANY SHERWIN WILLIAMS OR BENJAMIN MOORE COLORANT CAN BE MATCHED. IT IS IMPORTANT TO NOTE THAT LIME PLASTERS WILL NOT GIVE A TRUE "MATCH" OF A PAINT COLOR AS THE NATURE OF LIME IS VERY DIFFERENT TO THE NATURE OF A FLAT PAINT. CUSTOM COLORS ARE ALSO AVAILABLE ON REQUEST.

VIII: SURFACE PREPARATION

MATERIAL SHOULD BE APPLIED TO SURFACES THAT ARE CLEAN AND FREE OF DUST, DIRT, AND OILS. IF MATERIAL IS BEING APPLIED TO NEW SHEETROCK, BLUE BOARD, OR ROCK LATH ALL JOINTS MUST BE TAPED USING SELF - ADHESIVE MESH TAPE, IT IS BEST TO FILL TAPERED JOINTS WITH BASECOAT TO LEVEL. MESH TAPE CAN EITHER BE BEDDED IN WET MATERIAL OR APPLIED TO THE SURFACE AFTER IT HAS DRIED. SINK ALL NAIL OR SCREW HEADS AND COVER WITH A SMALL SQUARE OF MESH TAPE. IF MATERIAL IS BEING APPLIED TO EXISTING PAINTED PLASTER SURFACES, REMOVE ANY LOOSE OR SPAULING PAINT. SURFACES SHOULD BE CLEAN AND FREE OF DUST, DIRT AND OILS. TEST FOR CALCIMINE AND REMOVE IF NECESSARY. LARGE CRACKS SHOULD BE COVERED WITH MESH TAPE. EXTENSIVE "NETWORK" OR "MAPLINE" CRACKING SHOULD BE COVERED WITH WIDER MESH TAPE, AVAILABLE IN 36" WIDE ROLLS. LOOSE PLASTER SHOULD BE REMOVED AND PATCHED WITH STRUCTOLITE OR COMPARABLE MATERIAL OR REATTACHED USING SCREWS AND PLASTER



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WASHERS. PATCH ANY LARGE HOLES OR VOIDS IN PLASTER USING STRUCTOLITE OR COMPARABLE MATERIAL AND LEVEL TO EXISTING FINISH SURFACE. HOLES MAY ALSO BE PATCHED USING SHEETROCK OR OTHER SIMILAR MATERIAL. CUT SHEETROCK AS CLOSELY AS POSSIBLE TO THE SHAPE OF THE HOLE. SHIM THE SHEETROCK AS CLOSE TO EXISTING FINISHED SURFACE AS POSSIBLE. FILL AROUND EDGES WITH MASTER OF PLASTER BASECOAT AND ALLOW TO DRY OVERNIGHT. IF LARGE VOIDS ARE FILLED, SOME MINOR SHRINK CRACKING MAY OCCUR. ALLOW TO DRY COMPLETELY AND REFILL FLUSH WITH SURFACE. TAPE EDGE OF PATCH WITH SELF-ADHESIVE MESH TAPE. MAKE SURE TAPE COVERS BOTH THE PATCH AND THE EXISTING PLASTER SURFACES. SKIM ENTIRE WALL AND CEILING SURFACES, INCLUDING PATCH, USING MASTER OF PLASTER BASECOAT.

APPLICATION TEMPERATURE:

TEMPERATURE SHOULD REMAIN BETWEEN 50 TO 80 DEGREES FAHRENHEIT. HUMIDITY LEVELS WILL EITHER DELAY OR INCREASE DRYING TIMES OF MATERIAL. IS BEST TO MAINTAIN EVEN LEVELS THROUGHOUT APPLICATION.

IX: APPLICATION

MASTER OF PLASTER VENEER PLASTER FINISHING SYSTEMS ARE MEANT TO BE APPLIED IN THREE COATS. FIRST, APPLY A SINGLE COAT APPLICATION OF THE BASECOAT TO TRUE THE SUBSTRATE. ONCE SET APPLY A SECOND COAT OF THE BASECOAT TO SMOOTH OUT AND CREATE A FLAT, EVEN TEXTURE FROM WHICH TO WORK. THIRD, APPLY THE FINAL LAYER OF THE FINISH COAT, WHETHER IT BE VENETIAN FINISH, RESTORATION FINISH, LIMEWASH FINISH, OR CAENSTONE. USE DIRECTLY FROM THE CONTAINER. IT IS NOT NECESSARY TO MIX OR ADD WATER BUT IF MATERIAL HAS SETTLED DURING SHIPPING MIX THE MATERIAL IN THE 5-GALLON PAIL BY HITTING IT QUICKLY WITH A DRILL MOTOR AND MIXING PADDLE. MATERIAL IS BEST APPLIED USING A HAWK AND STANDARD SIZE 3"X10" STAINLESS STEEL FINISHING TROWEL. MASTER OF PLASTER BASECOAT IS SELF LEVELING. APPLY BASECOAT TO ALL SURFACES IN A SOMEWHAT THIN APPLICATION – 1/16" THICK MAXIMUM. AS MATERIAL STARTS TO SET (APPROX. 15-20 MINUTES) GO BACK OVER WORK AND TROWEL AS SMOOTHLY AS POSSIBLE. SOME RIDGES AND TROWEL MARKS WILL REMAIN. ALLOW TO SET AT LEAST 4-5 HOURS, BUT OVERNIGHT IS RECOMMENDED. WHEN THE FIRST BASECOAT HAS DRIED, APPLY A SECOND COAT OF BASECOAT TO A THIN, SMOOTH APPLICATION LAYER. AS MATERIAL STARTS TO SET (APPROX. 10-15 MINUTES) USE A SMALL PLANT MISTER (SPRAY BOTTLE) TO LIGHTLY SPRAY AREA WITH WATER AND SMOOTH TO REMOVE TROWEL MARKS AND BLEMISHES. SINCE MASTER OF PLASTER FEATHERS OUT AND BLENDS EASILY, IT IS POSSIBLE TO WORK SMALLER AREAS RATHER THAN HAVING TO DO ONE LARGE AREA AT A TIME. KEEP THE EDGES OF SEPARATE AREAS WET AND BLEND TOGETHER. MASTER OF PLASTER IS A VERY FORGIVING SYSTEM. IF AN AREA GETS TOO DRY, OR YOU DID NOT SMOOTH ALL OF THE TROWEL MARKS, JUST RE-WET AND TROWEL UNTIL THE DESIRED EFFECT IS ACHIEVED. AFTER THE SECOND BASECOAT HAS DRIED, APPLY THE FINISH COAT SLIGHTLY THINNER THAN THE SECOND BASECOAT. THE FINISH COAT LACKS AN AGGREGATE SO IT NEEDS TO BE APPLIED ONLY SLIGHTLY THINNER TO LEVEL OUT. AS THE FINISH COAT BEGINS TO SET, RE-TROWEL WHILE MISTING WITH YOUR SPRAY BOTTLE SO AS TO BURNISH YOUR FINISH. CONTINUE TROWELING UNTIL THE DESIRED EFFECT IS ACHIEVED. HOWEVER, WE ENCOURAGE YOU TO EXPERIMENT WITH DIFFERENT TREATMENTS. SPONGING WILL PRODUCE A COARSE FINISH. DRAGGING A WHISK BROOM THROUGH IT BEFORE RE-TROWELING WILL ADD



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FURTHER INTEREST. THE ADDITION OF COFFEE GRINDS AS WELL AS PLANT MATERIAL IS A HISTORIC MEANS OF ADDING NATURAL COLORATION AND INTENSE TEXTURES TO THE PLASTER FINISH.

STORAGE

STORAGE LIFE IS UP TO 3 YEARS IN A SEALED AIR-TIGHT CONTAINER. STORE IN A COOL, DRY AREA NOT SUBJECTED TO FREEZING TEMPERATURES. PROTECT FROM DIRECT SUNLIGHT AND HEAT. EXCESS MATERIAL MAY BE STORED BY TOPPING OFF THE REMAINING MATERIAL WITH A THIN LAYER OF WATER TO SEAL OFF CARBONATION FROM AIR EXPOSURE. RE-MIX WHEN READY TO USE MATERIAL AGAIN.

HAZARDOUS SUBSTANCES CLASS:

NOT APPLICABLE.

TRANSPORT HAZARDOUS CLASS:

NOT APPLICABLE.

DISPOSAL:

WASH ALL MATERIALS WITH WATER AND SOAP. THE ORGANIC COMPOSITION OF THE MOP PLASTERS DOES NOT REQUIRE EXTENSIVE DISPOSAL MEASURES. RESIDUES SHOULD BE WASHED OUT OF PAILS BEFORE RECYCLING.

SAFETY INSTRUCTIONS:

COVER SURROUNDING AREAS THAT ARE NOT TO BE PLASTERED BUT EXIST WITHIN SIGHT LINES OF MATERIAL APPLICATION (EX; FLOORS, DOORWAYS, WINDOWSILLS). MATERIAL WILL WASH OFF WITH THE IMMEDIATE USE OF WATER AND A TEXTURED SPONGE. PROTECT EYES FROM DIRECT CONTACT WITH PLASTER MATERIALS, FLUSH IMMEDIATELY IF COME INTO CONTACT WITH. KEEP OUT OF REACH OF CHILDREN.



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