

Features

- Overspray settles as dry powder
- Superior hiding
- One coat application
- Retains whiteness
- Reduces clean up costs
- Minimal surface preparation
- Coats most any interior walls or ceilings

Recommended For:

- Interior industrial ceilings or walls
- Where high hiding less expensive coating is needed
- Over production or work areas
- Areas where wet overspray could not be tolerated
- Areas exposed to welding or production dust

General Properties

This fast dry product is designed to provide superior hiding for one coat work. It retains its whiteness in presence of industrial fumes. The dry fall qualities of this product cause the overspray to settle as a dry powder in approximately 10 feet of fall depending on air movement, temperature, and humidity. Greatly reduces clean up costs. May be applied on virtually any interior wall or ceiling. Requires minimal surface preparation. Clean up tools immediately after use with Hi-Flash Naphtha Thinner (M97), VM&P naphtha, or xylol.

Limitations:

- This product should not be applied to galvanized surfaces
- Not for exterior exposures
- Not for high abuse surfaces
- Not for high corrosion areas
- Air movement, temperature and humidity will effect the dry fall properties

Product Information

Labor Saving Features

- Fast dry overspray settles as dry powder, reducing clean up costs
- Superior hiding flat finish permits one coat application
- Minimal surface preparation reduces application costs
- Retains whiteness even when exposed to light industrial fumes and production dusts

Colors: —Standard: M51-01 White

—Special Colors: Contact your Benjamin Moore & Co. Representative

Certification:

Master Painters Institute MPI #55.
 Formulated without lead, mercury, or chromates.
 Formulated with non-photochemically reactive solvents.
 Does not contain any ozone-depleting substances, either Class I or Class II.

Technical Data

White

Generic Type	Modified Alkyd
Pigment Type	Titanium Dioxide & Select Inerts
Volume Solids	48%
Theoretical Coverage	385 Sq. Ft. @ 2.0 Mils
Film Thickness – Wet	3.1 – 5.2 Mils
– Dry	1.5 – 2.5 Mils
Dry Time @ 70° F — To Touch	15 Minutes
— To Recoat	1 Hour
Dries By	Oxidation
Dry Heat Resistance	300° F
Viscosity	80 ± 5 KU
Flash Point (Seta)	75° F
60° Specular Gloss	10% Max.
Surface Temperature at application – Min.	45° F
– Max.	95° F
Surface must be dry and at least 5' above the dew point.	
Reduction – Brush	Do not thin
– Roller	Do not thin
– Spray	Do not thin
Clean Up Thinner	M97
Mixing Ratio	N/A
Induction Time	N/A
Pot Life @ 70°F	N/A
Weight Per Gallon	13.2 Lbs
Storage Temperature – Min.	40° F
– Max.	95° F

Analysis:

M51-01-F		Vehicle: 31.0%	
Pigment: 69.0%		Modified Alkyd Resin	18.5%
Titanium Dioxide	9.0%	Solvents & Additives	81.5%
Inert Pigments	91.0%		100.0%
	100.0%		

Volatile Organic Compounds (VOC)

Unthinned	Grams/Liter	398
	Lbs./Gal.	3.32

Surface Preparation

Previously Painted or Primed Surfaces

Ensure that the surface is clean, dry and free from oil, grease, dirt, salts, and any other contaminants. All blistered and loose paint must be removed. All bare areas must be primed. Glossy surfaces should be roughened before recoating.

Concrete and Masonry

Remove all loose particles, laitance, oil, grease, form release agents, and any other contaminants. New concrete and masonry must be allowed to cure for a minimum of 28 days. Before painting, roughen the surface by abrasive blasting, acid etching, or scarifying.

Wood

Ensure the wood is clean and dry. Sand all rough areas to a smooth appearance. Seal all knots, sap streaks, and pitch stains with an appropriate stain-sealing primer.

Factory Finished Interior Metal Roof Deck

This surface may be hard and slick and prohibit adequate adhesion. Spot test for adhesion. Solvent clean and apply a test patch of product. Allow paint to dry at least 3 days before testing adhesion. Be sure decking manufacturer certifies it is paintable. If adhesion is poor, hand tool clean or brush blast.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application Information

Product is best applied by airless spray. Mix product thoroughly by boxing and stirring before use. For best results, test dry fall distance and follow surface preparation instructions prior to applying product. Changes in application equipment, pressures and/or tip sizes may be required as a result of changes in ambient temperatures or conditions. Dry fall characteristics are dependent on the degree of air movement and will be adversely affected at temperatures below 70° F and relative humidity greater than 50%. Reduction will adversely affect the dry fall characteristics of the product. Overspray may adhere to hot surfaces; protection of some equipment may be required.

Application Equipment

Conventional or airless spray, brush, or roller.

Conventional Spray Equipment Recommendations: DeVilbiss Model MBL/JGA Spray or equivalent.

Fluid Tip	Air Cap	Air Hose ID	Mat'l Hose ID	Atomizing Pressure	Pot Pressure
E	765/78	5/16" - 3/8"	3/8" - 1/7"	60 - 80 PSI	10 - 30 PSI

Low temperatures or longer hoses require higher pot pressure. Proper atomization is necessary to obtain a smooth finish.

Airless Spray

Tip Orifice	Atomizing Pressure	Mat'l Hose ID	Manifold Filter
.013 - .019	1800 - 3000 PSI	1/4" - 3/8"	60 Mesh

CAUTION! Use 60 mesh manifold filter and gun with 100 mesh tip strainer. Use appropriate tip and atomizing pressure for equipment, applicator technique and weather conditions.

Clean Up Instructions

Clean all equipment immediately after use with Hi-Flash Naphtha Thinner (M97) or xylol. At the same time, flush out all fluid lines and carefully clean pressure pots. Use clean solvent only. It is also good practice to periodically clean the spray tip or the fluid tip/air cap combination during the course of the working day or shift.

Environmental, Health & Safety Information

DANGER! FLAMMABLE LIQUID AND VAPOR! HARMFUL IF INHALED. **Contains petroleum distillates and crystalline silica:** MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY CAUSE EYE, SKIN, NOSE AND THROAT IRRITATION.

NOTICE: Repeated and prolonged exposure to solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness, and loss of coordination are signs that solvent levels are too high. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Cancer Hazard: contains crystalline silica which can cause cancer when in respirable form.

Keep away from heat, sparks, and flame. Vapors may cause flash fire. Close container after each use. Use only with adequate ventilation. Do not breathe vapors, spray mist, or sanding dust. Do not get in eyes or on skin.

WEAR A PROPERLY FITTED VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH for use with paints, eye protection, gloves, and protective clothing during application (or sanding) and until all vapors and spray mist are exhausted. In confined spaces or in situations where continuous spray operations are typical, or if proper respirator fit is not possible, wear a positive-pressure, supplied air respirator NIOSH. In all cases, follow respirator manufacturer's directions. Do not permit anyone without protection in the painting area.

FIRST AID: If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and call a physician. For skin, wash thoroughly with soap and water. In case of ingestion, DO NOT induce vomiting. Get medical help immediately.

IN CASE OF: FIRE – Use foam, CO₂, dry chemical, or water fog.

SPILL – Absorb with inert material and dispose of in accordance with applicable regulations.

DISPOSAL: Empty container with product residue may still be flammable; follow all hazard statements until it has been disposed of. Contains organic solvents which may cause adverse effects on the environment if disposed of improperly. Consult your sanitation department on disposal of empty containers. Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. Contact your state-designated environmental agency for information concerning re-use, recycling, or disposal of solvent-borne paint.

FOR PROFESSIONAL USE ONLY NOT FOR RESIDENTIAL USE KEEP OUT OF REACH OF CHILDREN
Refer to Material Safety Data Sheet available from your retailer for further safety and handling information.

Warranty & Limitation of Sellers Liability

All statements made on any product label, product manual, product data sheets, technical data charts or specification charts contained herein, are accurate to the best of our knowledge. The products and information are intended for use by persons having skill and know-how in the industry at their own discretion and risk. Benjamin Moore & Co. warrants only that its coatings represented herein meet the formulation standards of Benjamin Moore & Co. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY THE SELLER, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OR LAW, OR OTHERWISE INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Workmanship, weather, construction equipment, quality of other materials and other variables affecting the results are beyond our control. No agent, employee or representative of seller has any authority to bind seller to any affirmation, representation or warranty except as stated above.