



HEAVY DUTY EGGSHELL INTERIOR/EXTERIOR MAINTENANCE ENAMEL 9290, 9292, 9293, 9296

Resin Type	Sheen	Quality Level	Spread Rate	Clean Up	Thinner	Dry at 77°F.	V.O.C. Level
Industrial 100% acrylic	eggshell	premium	400-450 sq. ft./gal. (on smooth surfaces)	water	water	30 min. tack free 2 hours recoat	< 150 g/L

Description

This unique 100% acrylic latex is made from a special resin system that imparts extraordinary durability to the coating film. Hirshfield's Heavy Duty maintenance enamel provides super adhesion - even to glass. Extreme hardness, excellent resistance to water and U.V. light. Hirshfield's Heavy Duty provides all the advantages of a quality oil base enamel-with none of the environmental draw backs.

Where to Use

Hirshfield's Heavy Duty enamel is excellent for use in maintenance applications. It can be used inside and outside at hospitals, schools, nursing homes, hotels and other similar areas. Hirshfield's Heavy Duty can even be used in homes where extreme durability is required. Applications include interior wood surfaces, wood and metal doors, trim, cabinets and other mill work. Exterior surfaces include properly primed metal doors, most wood trim and masonry surfaces. Not intended for use as an exterior house paint.

Surface Preparation

New Work - Surface must be clean and dry. Remove all dust, dirt and similar residue. Newly plastered walls or taped wallboard must be allowed to dry thoroughly before painting. On new wood, surface should be lightly sanded and dusted. Seal any knots or resinous areas thoroughly. Prime all new work areas.

Old Work - Clean surface completely. Remove all loose old paint, grease, oil, dirt, wax and other contaminants. lightly Sand all glossy areas. Spot prime and sand all patched areas.

Masonry - Allow all new masonry surfaces adequate cure time before application of this product. Remove any efflorescence. Apply only to a clean, dry surface. Two coats are recommended.

Primer

Sheetrock - Use #1250 Latex Primer or #1255 Latex Primer.

Plaster - Use #1250 Latex Primer or #1255 Latex Primer.

New Wood - Use #9004 Alkyd Enamel Undercoater

Metal - Use #9250 Metal Primer.

New Masonry - Use #1450 Block Filler.

Exterior Surfaces - Use #6050 Oil Primer or #4250 Acrylic Exterior Primer.

Application

Stir contents thoroughly before and during application. Apply a full, generous coat. May be brushed, rolled, or sprayed. Keep a wet edge to avoid lap marks. Do not apply below 50°F or above 90°F.

Recommended Wet Film Per Coat: 3.5 mils.

Recommended Dry Film Per Coat: 1.3 mils.

Available Colors

Tintable to over 2,000 colors with bases.

Caution

Keep from freezing.
See other cautions on back.

Environmentally Friendly Tips

- Only purchase the quantity you need.
- Do not mix paints for storage or disposal. Leave paint in the original container.
- Do not throw liquid paint in the trash or pour it down the drain.
- Small amounts of latex paint can be air-dried and disposed through your trash collection system.
- Recycle leftover or unused paint. Call your local government for recycling advice.

Packaging Options

- Five Gallon Pails
- Gallons and Quarts

Physical Data

(figures shown are approximate)

Solids by Weight	52% ±2%
Solids by Volume	38% ±2%
Weight per Gallon	10.62
Viscosity	90 KU
Flashpoint	Over 200°F
Hegman Grind (ASTM D1210)	6
Gloss @ 60°	12-18
Sag Rating (ASTM D4400)	>12
Flow and Leveling (ASTM D4062)	8
Color Retention	Excellent

Limitations

Not recommended for use on the following:

- floors or other horizontal surfaces
- areas of corrosive chemical environments
- rusted substrates without adequate surface preparation and must be primed to minimize rust staining through the topcoat.

Excessive color tinting may cause unsatisfactory drying. Since these are water base coatings, dry time will be affected by temperature and humidity.

Not recommended for immersion service or use on damp or wet surfaces, high heat, or humid conditions.

Health And Environment

This material contains no lead, mercury or crystalline silica. Material Safety Data Sheets are available upon request. When

Precautionary Information

In all cases, please read respirator manufacturer's instructions and literature carefully to determine the type of airborne contaminants against which the respirator is effective, and how it should be properly fitted.

Some of the components of various coatings may be irritating to the skin and/or eyes, so contact should be prevented. In case of contact, flush skin thoroughly with soap and water. For eyes, flush with plenty of water for at least 15 minutes and get medical attention immediately.

During the application of all coating materials, all flames, welding and smoking must be prohibited.

Before using the products listed herein, carefully read each product label and follow directions for its use. Please read and observe all the warnings and precautionary information on the product labels.

CAUTION! DO NOT TAKE INTERNALLY! CLOSE CONTAINER AFTER EACH USE! KEEP OUT OF THE REACH OF CHILDREN!

Avoid prolonged breathing of vapor and spray mist. Coatings should only be applied when ventilation is adequate. When available ventilation may not be adequate, applicators should wear respiratory protection, choosing the proper respirator with aid of the following:

Outdoor or open areas: Use filter type respirators (approved with NIOSH/MSHA) to remove solid airborne particulates from overspray.

Restricted ventilation areas: Use combination organic vapor-filter type respirators (approved with NIOSH/MSHA) which are designed to purify the air by removing solid airborne particulates and organic vapors.

Confined areas: Use supplied air respirators or hoods (approved with NIOSH/MSHA)

IMPORTANT! When applying coatings by spray equipment, observe all precautionary safety measures. Spray equipment must be handled with due care and in strict accordance with manufacturer's recommendations for personal safety, and to prevent fire. If precautions are not taken, spraying of any material can be hazardous, particularly when using high pressure airless equipment. High pressure may inject coating into the skin causing serious injury, requiring immediate poison center contact and/or hospital treatment. When using or handling spray equipment hoses and the like, observe all required safety practices. In addition, when spraying paint or coatings, wear a respirator recommended for the product being handled. In all cases, wear protective eye equipment.

First Aid Statement

If swallowed, do induce vomiting. In case of skin contact, wash affected area with mild soap and water. In case of eye contact, flush eyes immediately with plenty of water for 15 minutes. If affected by inhalation of vapor or spray mist, remove to fresh air. Apply artificial respiration and other supportive measures as required. If any of the following occur during or following use of this product, contact a **POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN IMMEDIATELY** (have label information available):

- Ingestion
- Excessive exposure to a corrosive material
- Persistent skin/eye irritation or breathing difficulties
- Other symptoms

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The facts and figures represented in the specification manual are accurate to the best of our knowledge, and are the results of testing in our laboratory. We do not express, warrant or guarantee the accuracy, completeness, or reliability of same. Since Hirshfield's paint Mfg. is constantly improving its products, future technical data may vary somewhat from what was available when this bulletin was printed.

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