



# ENGINE ENAMELS

## APPLICATION INFORMATION

**DON'T EXPECT OUR ENGINE ENAMEL TO DRY IN 20 MINUTES, AN HOUR, OR EVEN 4 OR 5 HOURS. IT MAY TAKE OVERNIGHT!**

Paints are composed of many different chemicals, but to simplify the matter there are basically two components in every paint: 1) the paint mix, which includes resins, pigments, surfactants, other colouring agents, adhesion promoters etc., and 2) the solvent (also called the carrier), which causes the paint mix to act like paint and coat properly; it also thins the paint mix, and, after application, evaporates into the atmosphere, leaving behind the paint solids as a coating.

**The engine enamel you have purchased from POR-15 is different** from all other engine enamels on the market. Compare ours to any other you have used, and you will find that it covers better, has superior depth and clarity, brilliant colour and gloss. You can do an entire engine with just one 475ml can. One coat is all you need apply, and no primer is required. Just be sure your engine is clean and grease-free before painting. Of course we use the finest, most expensive pigments money can buy, but **our engine enamels are superior because they are 80% solids and only 20% solvent.** All other engine enamels have a lower percentage of solids and a higher percentage of solvent. And the solvent we use is non-flammable and safer to use than the solvents in those other engine enamels.

So...please be patient. Our engine enamel won't dry as fast as others, which contain a high percentage of highly flammable solvents. But afterwards when you look at your engine you painted with POR-15 Engine Enamel, you'll be glad you waited a few hours longer for it to dry. The difference will amaze you, and you will have contributed to a safer environment as well. **N.B. Engine Enamels have been tested to heat of 176°C.**

### **SURFACE PREPARATION:**

Surfaces must be dry and cleaned of dirt, oils, rust and other foreign material that might impede proper adhesion.

Rough surfaces on engine castings or other cast iron need no further preparation.

Smooth surfaces, especially shiny smooth surfaces, should be treated with POR-15 Metal Ready before painting.

**Do No use this product to coat exhaust systems.**

Surgical type gloves should be worn for handling to keep natural body oils off the prepared surface.

### **DIRECTIONS:**

1. Solvent wash all grease off the engine.
2. Clean with Marine Clean—a 3 to 1 mix in warm water. Wash off with water. Allow to dry completely.
3. All existing paint left on the engine must be abraded and dust free.
4. Brush or spray the paint. If colouring with red, orange or yellow you may find that the engine enamel shadows. Simply undercoat engine with POR15 Rust Preventive Paint in Black or Grey. When the POR15 is touch dry, apply Engine Enamel.

### **SPRAYING, BRUSH APPLICATION:**

Apply in well ventilated areas only. Ideal ambient temperature for application is 22°C. Mix POR-15 Engine Enamels by stirring only. **DO NOT SHAKE**

**Brushing:** For the best brush finish, brush in one direction only, without going over the area previously covered. POR-15 Engine Enamels can be brushed without thinning. A full coat will cover completely with excellent colour depth.

**Spraying/Thinning:** Do not thin more than 20% (1 part thinner to 5 parts enamel). Thin with POR-15 Solvent. . If a second coat is desired, wait 24 hours before top coating.

**Drying Time:** Allow 8 hours for enamel to dry tack-free. **Wait 6 days before starting the engine.**

### **Currently available colours are:**

Aluminum	Chevrolet Red 56 - 57 V8's	Chev Orange
Austin Healy Green	Chrysler Blue	Cadillac Dark Blue '49-'76
Black	Chrysler Hemi Orange	Ford Red
Buick Green '53-'65	Ford Green A's, B's, V8's	MG Maroon
Buick Turquoise	Ford Medium Blue-All Ford Prods	Pontiac Metallic Blue
White	Yellow	

**SAFETY:** Improper Handling and use may be hazardous. Recommended safety precautions for storage, handling and application must be observed. Keep away from heat, sparks and flame. Use with adequate ventilation. Do not breathe vapours or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

**FIRST AID:** In case of inhalation or swallowing remove to ventilated area and seek medical attention. In case of contact with eyes flush with plenty of water for at least 15 minutes. Contact with skin, wash with soap and water thoroughly and seek medical attention. Keep container closed when not in use.

**NOTICE:** Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal.

**Contains Organic Solvent. Combustible: Harmful if inhaled. May affect the brain or nervous system, causing dizziness, headache or nausea. May cause nose and throat irritation, may cause lung irritation. May cause eye and skin irritation.**

The information set out in this flier is, so far as can be ascertained, true and accurate, but all recommendations are made without guarantee.

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