



# Miracle paint

## Black, Silver, White and Clear



### Application Information

**DIRECTIONS FOR USE Please Read** (When all else fails)!!

#### **KEY POINTS TO MAKE YOUR *Bill Hirsch Miracle Paint* WORK**

1. **Miracle Paint is a moisture cured Urethane, extremely durable, flexible and resists cracking, and scratching from stones, sharp objects etc.**
2. **Resistant to petrol, oil, anti-freeze, lacquer thinner, road salt or battery acid.**
3. **You should have a rough, clean and DRY surface.**
4. **Apply a MINIMUM of two coats, too thin a total coating will allow rusting.**
5. **If not sandblasting, use the Marine Clean and Metal Ready after sanding.**
6. **Do not use other products, Prepsol, Rust converters, thinners etc.**
7. **If a wire brush on a drill / grinder is used, sand afterwards and use PPC Metal Ready.**
8. **Applications applied too thickly or subsequent coats too soon will cause bubbles.**
9. **Miracle paint is not UV Resistant and needs top coating if exposed to direct sunlight.**
10. **Clean up with PPC Solvent or GP Thinners.**

#### **PRODUCT DESCRIPTION**

**Note:** This product is **unlike any other paint or coating you have used** in the past. Take time to carefully **read** the instructions completely before using.

Reading this material will better acquaint you with **Miracle Paint** and enable you to achieve a superior result. Miracle Paint is a rust preventative paint designed for application *directly* on rusted or seasoned metal surfaces. It *bonds* to the metal and therefore for best results it should be applied **directly** onto bare metal. It dries to a rock-hard, non-porous finish that won't chip, crack or peel, and prevents rust from re-occurring by protecting metal from further exposure to air and moisture.

**Bill Hirsch Miracle Paint** is sensitive to UV light and must be top coated for prolonged exposure to sunlight. Whilst the product doesn't breakdown the colours will change. It does need **multiple coats** to build up a protective coating (keep oxygen and moisture away from the steel).

#### **APPLICATION PROCEDURES**

**Surface preparation:** Rusted surfaces are best, seasoned metal and sandblasted (not bead blasted) surfaces are also good.

Smooth surfaces, bead blasted or body panels should be keyed with at least a 600 Grit sandpaper to roughen the surface, prior to painting and the use of Metal Ready is strongly advised.

**STIR CONTENTS OF CAN THOROUGHLY** before painting. Dispense a quantity of Miracle Paint into a separate container and seal the can immediately, ensuring the groove is free of paint (use glad wrap between the lid and the can). Refrigerate unused portion of Miracle Paint for a longer shelf life. **Note:** left over portions of paint should not be put back into the can as this will shorten its shelf life.

#### **Application is a three or four stage process:**

##### **1. CLEANING**

- Like all paints you need to get rid of all loose rust. Old paints, oils, greases, grime or any other foreign substances.
- We recommend our **Marine Clean** as it does not have any silicones or solvents in it's makeup. It may be diluted by up to 50% with water which also makes it an economical general cleaner. There are many household uses, except on carpets.
- Spray Marine Clean (mixed with Hot Water) onto the metal and leave for approx. 15 minutes to half an hour. Wash off with water and repeat if necessary

**Do not use Solvent based cleaners e.g. Prepsol.**

##### **2. ETCHING**

- Spray on **PPC Metal Ready** which neutralises surface rust and zinc phosphate etches the metal
- Leave on for approximately 20—30 minutes, keeping wet. Wash off and dry thoroughly, a heat gun is the best method
- **Dry the metal thoroughly (100%)**. You should see an orangey salt and pepper look. Any white powder residue should be blown or washed off the metal and dried again. (excessive zinc phosphate).

**Do not leave Metal Ready on for long periods,**

##### **3. PAINTING**

- Wear gloves, if you get it Miracle Paint on your skin clean it off immediately with **PPC Solvent** or thinners as after it dries it has to wear off over 4-5 days.
- Apply **Bill Hirsch Miracle paint** in light coats, and with the minimum of brush strokes, which will give you an almost sprayed on effect.
- Allow to dry for approx. **3 - 5 hours** depending on the humidity. Tacky but almost dry, your finger nail can still dent it but it doesn't come off on your finger. Too soon will leave bubbles as the carbon dioxide bubbles through the second coat.
- Apply the second coat (**min. two coats, three or four for industrial or marine usage**).
- If any of the coats become more than 12 hours old, wet sand with a 600 grit paper to roughen up the surface.
- Painting vertical surfaces - apply a **very light** first coat, wait 3-5 hours and apply a second very light coat while the first coat is still tacky. Follow with a 3rd or as many to achieve the required desired finish.

##### **4. THINNING:**

- You shouldn't need to but you may thin with **PPC solvent** up to 5% for brushing purposes.

##### **5. SPRAY APPLICATION:**

- Use 250 KPA (30-35 lbs) pressure for and HVLP gun or 60 psi (414 KPA for a High Pressure Gun) normal gloss. Reduce pressure for lower gloss 200 KPA (20-25 lbs HVLP or 50 to 60 High Pressure Gun).

**Miracle paint can be sprayed as is.** If you do thin, use only PPC Solvent and a Max of 20%.

We recommend at least 3—4 coats to build paint thickness to get 1.6 ml or 40 microns dry.

**NOTE:** Organic vapour particulate respirators, NIOSH/MSHA Approved, **must be used** when spraying .

##### **6. TOP COATING (optional).**

- If it's exposed to UV then it does require a top coat.
- Other brands of single or two pack paints may be used. If using your primer then use the following method:- After the last coat of Miracle Paint has been applied, wait approximately 1 1/2 hours, until the Miracle Paint coating is tacky: then apply a light dust coat of primer and let dry.
- Next, apply a full coat of primer and follow normal top coating procedures.
- To topcoat a cured Miracle Paint surface, wet sand with 600 grit until gloss is dull, then paint.



## Bill Hirsch Miracle Paint—Continued

### SANDBLASTED SURFACES

Apply Miracle Paint directly to the sandblasted surface. **No other preparation is necessary.** Etch Primer should not be used after sandblasting. If surface rust is observed at a later stage use **Metal Ready** as per above. *Glass bead blasting needs keying and Metal Ready to give it good adhesion*

### CLEAN UP:

Use **PPC Solvent** or lacquer thinner for clean-up, which must be done before Miracle paint dries; once dry, it cannot be removed by any solvent. Avoid skin contact. Remove from skin immediately to avoid temporary staining.

### USE OF GLOVES AND VENTILATING EQUIPMENT IS STRONGLY RECOMMENDED.

KEEP OUT OF THE REACH OF CHILDREN, PETS, ETC.

COULD BE HARMFUL OR FATAL IF SWALLOWED.

DO NOT USE ON CHILDREN'S TOYS WHICH MAY BE PUT INTO THE MOUTH.

USE IN WELL VENTILATED AREAS ONLY

### CAN I PAINT OVER Bill Hirsch WITH OTHER PAINTS?

Absolutely. Bill Hirsch Miracle paint will accept all paints, except water based, including lacquer based paints. Aerosols and latex paints are fine. Be sure to read our directions thoroughly.

### CAN I USE BODY FILLER OR PUTTY WITH Bill Hirsch?

Yes. First paint the rusted area with Miracle paint, then use U-POL—P38 body filler as soon as the Miracle paint is dry to the touch. We also suggest putting another coat of Miracle Paint over the filler. sandwicing it in, again as soon as the filler is just dry to the touch.

### HOW LONG DOES IT TAKE Bill Hirsch TO DRY?

That depends on the ambient humidity (surrounding area). The more humid the area, the faster the drying time, which usually varies from 3 to 5 hours. **Heat has no affect on the drying process.**

### IS IT DANGEROUS TO GET Bill Hirsch ON MY HANDS?

No, but if you do, remove it at once with solvent or lacquer thinner. If Miracle paint dries on your skin, nothing will take it off, and you will "wear" it for 3 or 4 days until natural oils and flaking skin remove it.

### WHAT IS THE "PROPER PREPARATION"?

We have a water based product called Marine Clean. Wash metal with a 50:50 mix to de grease then rinse with clean water.  
NOTE: **New steel is coated with a protective oil finish at the mill.** This finish must be removed before using Miracle Paint. Then use the **Metal Ready** and dry.

### WHICH Miracle paint (BLACK, SILVER, WHITE, CLEAR) SHOULD I USE?

Black would be the normal use,  
Silver as a primer when you intend to top coat.  
Clear on concrete unglazed tiles, wood and non ferrous metals. If use on ferrous metals it should be top coated.

### WILL THE SUN DESTROY MY MIRACLE PAINT COATING IF I DON'T TOPCOAT IT?

No, your Miracle paint protection will remain, but the sun will change its appearance cosmetically, that's why we recommend you topcoat.

### CAN I APPLY MIRACLE PAINT OVER OTHER PAINTS?

Yes, but you will lose the important benefits of Miracle paint. You must remember that ordinary paints are weakened by exposure to moisture. Miracle Paint can't stop rust if it isn't in direct contact with the base metal.

### BILL HIRSCH'S CAN USAGE RECOMMENDATION:

To use this product for 475ml and .946ml cans, the best way is not to remove the safety clips or the lid. This avoids getting Miracle Paint on the lip of the can, when you put the lid back in, even with plastic wrap between the lid and the can, it is almost impossible to remove the lid the next time you used the product. To avoid a permanently stuck lid, we recommend that you **Shake the can well, then puncture a small hole in the lid of the can near the rim. Then puncture another hole on the opposite, to out the product out of the can.**

**Warning:** Pressure can build up inside the can after shaking. Use extreme care when puncturing the lid as paint can squirt out of the hole. Cover lid with a rag or paper and face lid away from you when puncturing it. **After pouring out the paint you need, wipe off the areas where you just made the holes with solvent and cover over those holes with Duct Tape to keep the air from getting into the can.** Next time you use the Miracle Paint. Just remove or puncture through the tape and follow the same procedure for sealing the can again. **If you prefer to remove the lid you just first very carefully remove the 3 safety clips on the lid of the can, remove the clip, facing away from you. You may hear a slight "hissing" sound. This is OK. Remember to pour out only what you plan to use. Do not put unused Miracle Paint back into the can.**

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