



# Paint Primer Concentrate

## HC-913

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### **Introduction**

3M™ paint primer concentrate HC-913 non-pigmented, liquid acrylate polymer in ethyl acetate solvent.

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### **Typical Physical Properties**

(Not for Specification  
Purposes)

Appearance .....	Water white to pale straw liquid
Specific gravity .....	~1.0
Viscosity, cps, 25°C .....	5,000–15,000
Flash point .....	21°F(-6°C) Closed Cup
Solids content .....	20%

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### **Suggested Applications**

Recommended uses are as primer over galvanized metal, aluminum and plastics. HC-913 generally works as a primer for paints in which the HC-913 resin is insoluble, such as latex paints and those whose solvent is of the mineral spirits type. HC-913 is a thermo-plastic resin which is permanently tacky, so it needs no cure time and is ready for overcoating as soon as the solvent evaporates.

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### **Compounding**

HC-913 is usually diluted to brushable or sprayable consistency (3–6% non-volatile) with a solvent mixture whose wetting, evaporation, and substrate interaction properties are suitable for the intended substrate. Since it is known that residual processing oil and mold release agent can leave a surface non-wettable by the coating, HC-913 may be compounded with a solvent which will help to displace these materials. Over plastics, it may be helpful to include a solvent which slightly softens the surface. A dye may be added to help the user determine completeness of coverage.

We cannot overstate the advisability of testing the formulation on the substrate with the intended overcoat system.

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### **Product Safety and Handling**

Please refer to the Material Safety Data Sheet and product label. Material Safety Data Sheets are available from your local sales representative.

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**3M Corporate  
Headquarters**

**3M Chemicals  
Performance Chemicals**  
3M Center, Building 223-6S-04  
St. Paul, MN 55144-1000  
**800 360 6777**  
**612 736 1394** (Telesales)  
**612 736 8643** (FAX)  
**800 810 8514** (FAX – Orders Only)

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**Chicago Sales  
Center**

**3M Chemicals  
Performance Chemicals**  
3M Chicago Sales Center  
Four Westbrook Corporate Center  
Suite 300  
Westchester, IL 60154-5707  
**800 362 3455**  
**708 338 4580**

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**3M Canada**

**519 451 2500**

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**3M Europe-  
Zwijndrecht**

**(32) 3 250 7511**

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**Performance Chemicals  
3M Chemicals**  
3M Center, Building 223-6S-04  
St. Paul, MN 55144-1000

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