

## TECHNICAL DATA SHEET

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## **Primal/ Acrysol WS-24 Emulsion**

Waterborne Acrylic Copolymer for Industrial Coatings

### **Introduction**

ACRYSOL™ WS-24 Emulsion is an acrylic copolymer supplied as a colloidal dispersion in water. It can be solubilized readily to combine the advantages of outstanding flow and pigment dispersion which are characteristic of solution polymers, along with some of the toughness of emulsion polymers. Both clear and pigmented films can be formed at room temperature or with force drying. Suggested uses for ACRYSOL™ WS-24 Emulsion include dip coatings for brass, alkali-removable temporary coatings, and other general industrial finishes.

### **Features & Benefits**

- Excellent gloss and film image clarity
- High film hardness
- Removable with alkali solutions
- Good enamel stability

### **Typical Physical Properties**

These properties are typical but do not constitute specifications.

<b>Property</b>	<b>Typical Values</b>
Appearance	Clear/hazy, colorless to white liquid
Solids Content, %	36.0
pH	7.2
Viscosity, cP (#2 Spindle @30 rpm, 25°C)	< 600 cP
Weight per U.S. Gallon (wet, lbs/gal)	8.69
Bulking Value (wet), gal/lbs	0.115
Bulking Value (dry), gal/lbs	0.106
MFFT (°C)	< 10
Freeze Thaw Stability	Keep from freezing

### **Potential Applications**

- Brass finishes
- Alkali-removable temporary coatings
- General Industrial Finishes

<b>Handling Precautions</b>	Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards, recommended handling precautions and product storage.
<b>Storage</b>	Store products in tightly closed original containers at temperatures recommended on the product label.
<b>Disposal Considerations</b>	Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.
<b>Chemical Registration</b>	<p>It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Coating Materials Technical Representative for more information.</p> <p>Many countries require the registration of chemicals, either imported or produced locally, prior to their commercial use. Violation of these regulations may lead to substantial penalties imposed upon the user, the importer or manufacturer, and/or cessation of supply. It is in your interests to ensure that all chemicals used by you are registered. The Dow Chemical Company does not supply unregistered products unless permitted under limited sampling procedures as a precursor to registration.</p>
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