



# Cola<sup>®</sup>Mer HMP

## Monomer for Emulsion Polymerization

**DESCRIPTION** Hydroxyethyl Methacrylate Phosphate  
**CAS** 52628-03-2  
**LISTINGS** Canada (DSL); US (TSCA); Australia (AICS); Korea (KECI); China (IECSC); Philippines (PICCS); New Zealand (NZIOC); Taiwan (TCSI)

**Cola<sup>®</sup>Mer HMP** is a functional monomer used in emulsion polymerization systems, paint and coatings, adhesives and plastics, and composites. When blended into a polymer, Cola<sup>®</sup>Mer HMP promotes adhesion to substrates and corrosion resistance.

Cola<sup>®</sup>Mer HMP improves pigment dispersion and provides antistatic properties to polymers.

### BENEFITS

- Adhesion promotion
- Corrosion inhibition
- Surface preparation
- Static charge reduction
- Emulsion stabilization
- Low color preferred in optical applications
- Flame retardant

### APPLICATIONS

- Adhesives and plastics
- Paints and coatings
- Composites and prepregs
- UV inkjet inks
- Gel coats
- Fibers
- Dentin treatment to improve bonding of adhesives

### SPECIFICATIONS

Appearance	Clear Liquid
AV1, mg KOH/g	171 – 187
AV2, mg KOH/g	266 – 293
% H3PO4	4.0 MAX
% Moisture	0.25 MAX
Color, APHA	300 MAX



### STORAGE / HANDLING

Cola<sup>®</sup>Mer HMP should be stored in original sealed containers and kept at temperatures below 95°F (35°C). Product is stable under recommended storage conditions. Keep product away from heat and sources of ignition. Avoid exposure to UV light or loss of dissolved oxygen.

Shipped in 55 gallon poly drums (net weight 525 lb/238 kg). Typical shelf life is 12 months from date of manufacture. Safety Data Sheets may be found online at [www.colonialchem.com](http://www.colonialchem.com).

## Colonial Chemical

225 Colonial Drive · South Pittsburg, TN 37380  
[www.colonialchem.com](http://www.colonialchem.com)

*Innovative Specialty Surfactants*