



Masters Company Inc.
Creative Solutions for Water Management

The **CMC & CMCP** products are non-resinous mounting medias successfully used for decades in to make permanent microscope slide preparations. As a group these products exhibit crystal clear, fast & hard drying properties. The prepared slides will not yellow or crack with time and both series are miscible in water and/ or alcohol. A variety of citations and scientific specifications from actual users and posted on the internet confirm that slides mounted for more than twenty years with the **CMC/CMCP** series mounting medias looks as good today as the day they were initially prepared.



Unlike other mountants such as Balsam or Resin/Solvent mixtures, **CMC & CMCP** series mountants allow specimens living or preserved to be transferred directly from water or alcohol. Except for stained materials, tissue sections or calcareous specimens, almost any object or material may be mounted in these medias. Specimens which do not contain a great deal of air in the tracheal system can be placed in the media alive. Specimens which contain large air sacs should be subjected to the action of a low viscosity mountant in a vial for as long as necessary before mounting the specimen on a slide, or they may be first killed in hot water and kept in fluid until ready for mounting.

CMC-919, Low Viscosity Colorless Mountant (1.38 R.I)
CMC-919AB, Stained with Aniline Blue
CMC-919AF, Stained with Acid Fuchsin
CMC-1019, High Viscosity Colorless Mountant (1.39 R.I)

CMCP-9, Low Viscosity Colorless Mountant (1.4 R.I)
CMCP-9AB, Stained with Aniline Blue
CMCP-9AF, Stained with Acid Fuchsin
CMCP-10, High Viscosity Yellowish Mountant (1.41 R.I)

To avoid drawing air under the coverslip as the preparation hardens allow the uncovered slide prepared with CMC series low viscosity mountants to dry for 12 hours at room temperature and then cover it with a drop of CMC-1019, a high viscosity mountant and coverslip. Uncovered slides prepared with CMCP series are treated similarly except they are allows to dry for 24 hours before adding a drop of CMCP-10 high viscosity mountant and a coverslip.

Preparations made with either CMC-1019 or CMCP-10 need only to be covered with coverslip. If such preparations happen to be thick it is advisable as a precaution; to circle the coverslip with the same medium applied as ringing cement. An alternative method with either series of low viscosity mediums at daily intervals. (A single ring of high viscosity medium usually serves almost as well.) The first ring is applied to the fresh mount as soon as the coverslip gives some evidence of holding fast; this may take several hours at room temperature with CMC series while the slower-drying CMCP series make require as much as 12 hours. Staining action with either series of stain-mountants is usually complete within a 24 hour period.

CMC & CMCP series products are packaged in 2oz. bottles. Please contact MCI for current pricing.