

USING DODGE INJECTION CHEMICALS

Occasionally we are asked, “Why doesn’t Dodge print the directions for use on the labels of their products?” This question deserves an answer.

As experienced embalmers, each of you has developed your own skills and techniques to assess the requirements of the case at hand. Due to the variables in every situation, the information necessary for the use of the product could not fit on the label. This informational bulletin will help answer questions you may have on the use of Dodge injection chemicals for a variety of cases. If you still have questions, call Dodge’s technical assistance line at 800-443-6343 and speak to one of our on-staff embalmers or contact your Dodge representative.

CHEMICAL INDEXES

Arterials:

Chromatechs—all colors	21.5
Freedom Art	0
Humeglo	24
Introfiant	30
Jaundofiant Basic	19.5
Metasyn Normal	20
Metasyn Accelerated	24
Metasyn Firming	30
Metasyn 35	35
Permaglo regular	24
Permaglo is also available in 20, 30, and 35 indexes.	
Plasdo 25	25
Plasdropake	18
Regal	30

Cavities:

DeCeCo	25
Dri Cav	21
Freedom Cav	0
Metafix	20.5
Mylofix	10.5
PermaCav 50	50
Permafix	22.5
Spectrum	5
SynCav	5

Autopsy related products:

SynGel LV	10
SynGel HV	10

PLEASE keep in mind that index doesn’t tell the whole story. Products vary due to ingredients other than formaldehyde and how they react in the body can be very different. Consider Metasyn Accelerated and Permaglo - they are radically different from one another in action yet they have exactly the same index.



For Professional Embalming Use Only. These are not consumer products. Use only as directed for the stated intended purpose and only in conformance with directions given in the applicable technical manual and/or product facts sheet. Comply with all instructions and warnings contained in each product’s MSDS.



USING DODGE INJECTION CHEMICALS

CASE TYPE	STANDARD SOLUTION	SUPERIOR SOLUTION	WATERLESS
Normal Cases Also infants, emaciated cases, or individuals with thin, delicate skin.	8 oz. Arterial 8 oz. Metaflow 8 oz. Rectifiant + water to make 1 gal.	1 btl. Arterial 1 btl. Metaflow 1 btl. Rectifiant + water to make 1 gal.	1 btl. Arterial 1 btl. Restorative 2-3 btls. Metaflow 2-3 btls. Rectifiant NO water
Moderately Difficult Some chemotherapy, autopsied, jaundiced, some putrefaction.	12 oz. Arterial 12 oz. Metaflow 12 oz. Rectifiant + water to make 1 gal.	1½ btls. Arterial 1½ btls. Metaflow 1½ btls. Rectifiant + water to make 1 gal.	2 btls. Arterial 1 btl. Restorative 2½ btls. Metaflow 2½ btls. Rectifiant NO water
Very Difficult Advanced putrefaction, gas gangrene, skin slip, heavy chemotherapy.	16 oz. Arterial 16 oz. Metaflow 16 oz. Rectifiant + water to make 1 gal.	2 btls. Arterial 2 btls. Metaflow 2 btls. Rectifiant + water to make 1 gal.	3 btls. Arterial 1 btl. Restorative 2-3 btls. Metaflow 2-3 btls. Rectifiant NO water

STANDARD DILUTIONS VS. INCREASED CONCENTRATIONS

All Dodge arterial chemicals can be used eight ounces per gallon, which has been the most common dilution rate for the last several generations. At eight ounces per gallon, Dodge chemicals will produce results which are unequaled. However, Dodge's more sophisticated formulations can be used in higher concentrations without fear of the problems you might expect. For more secure, professional, long-lasting results, we'd recommend you try higher concentrations. This assumes however, that you are using a coinjection chemical such as Metaflow in equal proportion with your Dodge arterial chemical. If you are not using a coinjection chemical, we would recommend you use no more than twelve ounces of arterial per gallon of solution.

TOTAL SOLUTION VOLUMES

Before listing the volume of solution recommended by body weight, we should stress that all embalming guidelines are subject to the discretion of the embalmer. These recommendations are approximate; the embalmer must use his judgment based upon the situation at hand.

For a 150 pound body, we would suggest a total injected solution of two gallons. For each additional 50 pounds of body weight one should increase the solution by one-half gallon. As examples, for a 200 pound body, two and one-half gallons of solution would be recommended, and for bodies weighing 300 pounds or more, approximately three and one-half gallons. Incidentally, we recommend warm (not hot) water be added to the chemical dilution on the vast majority of cases.

CHANGING CONCENTRATIONS DURING INJECTION

By preparing and injecting your preservative solution only one gallon at a time, you give yourself additional control over the concentration of the chemicals you are using. After you have injected the first gallon, examine the body carefully. If you are achieving too little tissue fixation, the concentration of arterial should be increased. If too much firming is present, in your next gallon you can determine whether to include less arterial, an arterial of lower index, or perhaps an increased proportion of coinjection chemical.