



## Products Techniques, Inc.

### Primers

**Product: Air Dry Wash Primer – Exceeds DOD-P-15328 and MIL-C-8514**

Other products used with AIR DRY WASH PRIMER: Reducer PT-1045

#### Typical Uses

This AIR DRY WASH PRIMER is a polyvinyl butyral zinc chromate formulation that may be used to prime all plain or plated metallic surfaces. Priming surfaces with this primer will ensure maximum adhesion of all bake or air-dry finish coats (including lacquer finish coats).

#### Physical Properties

The finely ground emulsions of zinc chromate pigment, resins and phosphoric acid hardeners are virtually non-settling. Once applied, the primer requires no sanding. The primer has a pot life of 8 hours. However, it can be “revitalized” after an 8 hour period by adding 3 parts of component A to the unused primer and then recatalyzing the mixture with the correct proportion of component B. **Extreme humidity can affect the bonding of the coating (See below).**

#### Application

##### Cleaning

All parts must be chemically or mechanically cleaned so that they are film free. Only an industry recognized method for cleaning should be used.

##### Mixing

Mix 4 parts of component A to 1 part of component (catalyst) B. When applied by spraying, thin the 4 to 1 mixture as necessary with 2 to 3 parts **PT-1045** reducer.

##### Application

Parts to be primed may be dipped or sprayed.

**Caution:** This primer may “blush” (take on a gray coloring when drying) if applied in environments with extremely high humidity. If the primer does “blush,” no bond exists between the primer and the surface of the material being coated. Before priming the surface again, wash the material being coated with PT-1045 reducer.

A very *thin* film should be applied (approximately .2 mil). This primer will not promote adhesion if too thick a coat is applied is too thick. The pre-treatment primer may be coated with a regular primer or topcoat within 15-30 minutes. If another primer is used, refer to its application instructions before applying the topcoat.

#### Curing

This primer air-dries in 1 to 10 minutes to a translucent yellow or green film.