



UV Coatings
L I M I T E D

U V C O A T I N G S T E C H N O L O G Y

Briefly stated, UV Coatings is introducing “clean chemistry” to the world of paints and coatings. By removing VOCs in spray-applied coatings, our technology directly eliminates solvent-related flammability, toxicity, and waste disposal, with attendant savings in production time, employee costs, and environmental regulatory compliance costs.

Z-VOC products allow the hardening agent in the material to remain latent until exposed to ultraviolet (UV) light. On exposure to UV light, the hardening component instantly becomes active and turns the paint solid. Being homogeneously distributed throughout the uncured coating allows for a high-speed, efficient cure to take place. The low viscosity of our materials allows the user to control the amount of coating applied to the substrate. This unique combination of properties produces spray paint which is VOC-free and cures instantly when desired.

Z-VOC coatings do not burn. In liquid form, the coating simply boils without drying or reacting when exposed directly to flame. Once cured and dry, the material resists burning while protecting the substrate. Once cooled, soot is simply wiped off the surface of the coating after exposure to the flame.

To be sprayed, our 100% solids liquid coatings use standard, unmodified spray equipment including electrostatic application. Conventional roll coat and curtain coat equipment may also be used. UV Coatings technology also eliminates the use of bulky and hazardous drying ovens, replacing them with compact ultraviolet (UV) light chambers. Even sunlight can be used to cure (dry) our coatings. Because our coatings don't dry until exposed to UV light, the spray can be collected, filtered, and reused. This allows for 95% spray efficiency of our products.