

Protecting Our Environment

A Product Finish With A Variety Of Benefits

(NAPSA)—Thanks to a high-quality finish, many of the products that consumers use every day—from tools to automobiles to jungle gyms—look better and last longer. The finish—called powder coating—is designed to make products more durable, attractive and scratch resistant.

How it Works

Powder coating is a dry finishing process in which finely ground particles of pigment and resin are electrostatically charged and sprayed onto the products to be coated.

The parts to be coated are positively grounded, so that the charged particles adhere to them until melted and fuse into a solid coating in a curing oven. The result is a sleek, strong, high-quality finish.

Easy on the Environment

The powder coating process offers another advantage. Unlike liquid paint, no solvents are used in powder coating, so only negligible amounts of VOCs are released into the air. In addition, unused or over-sprayed powder can be recovered, so any waste is minimal and can be disposed of easily and safely. That makes it environmentally friendly and virtually pollution free.

Said to be the fastest-growing finishing technology in North America, powder coating represents over 15 percent of all industrial finishing applications.

Consumer Benefits

The benefits of powder coating for consumers are simple: Powder coating is designed to make purchases look better and last longer—not to mention its reduced environmental footprint.

These are just some of the reasons why powder coating is already found on thousands of products



When used on consumer products, one particular finish can add both style and durability.

that you come in contact with every day. From bulldozers and chain saws to your coffee machine and child's crib, this finish is used to protect many of the machines and household conveniences that consumers have come to depend on.

Setting Air Quality Standards

Powder coating is a clean process, allowing exhaust air from the coating booth to be returned to the plant, and less oven air is exhausted to the outside. In fact, one of the major elements in expanding the market for powder coating has been the implementation of stringent air pollution control legislation over the past 30 years.

In addition, up to 98 percent of powder coating overspray that does not adhere to the part being sprayed can be retrieved and reused. This is said to eliminate much of the waste commonly found in liquid finishing processes. This reduction of wastes saves companies money on waste disposal equipment.

To learn more, visit www.powdercoating.org.