

# Powder Coating Overview

The powder coating process was invented around 1945 by Daniel Gustin and received US Patent 2538562 in 1945.[Gustin, Daniel S; Wainio, Albert W (1945). "[Electrostatic coating method and apparatus](#)"]

This process puts a coating on an item electrostatically, which is then cured by heat.

The powder coating process is:

- Environmentally friendly: no solvent and overspray can be reused
- Energy saving: low energy consumption
- Safe to process: no harmful solvent
- Very economical: low waste