ABSTRACT

A powder protective coating for a shipping container, comprising a container inner surface and a container outer surface. A primer layer uses high-solids oil paint, and a non-metal electrically conductive material is used to replace zinc metal. The material of a middle layer is an epoxy powder. A material of a surface layer of the container inner surface is an epoxy powder, and a material of a surface layer of the container outer surface is a polyester powder. The invention also relates to a construction process of the protective coating for a container, a shipping container, and a composition of the zinc-free primer applied to the container.

(No suitable Figure)