

Global Case Study: AquaStrip ACB

If the shoe fits, remove the adhesives and glue from the stamping molds.

The Challenge

A Taiwanese-based shoe manufacturer was having issues with its stamping molds for sneakers picking up adhesives and glues that were left on the material during the manufacturing process. The company was using a team of six employees to manually scrape adhesives and glue residue from the stamping molds before they could be used for further manufacturing. This caused delays in production and additional costs to make the shoes. The company needed to find a way to quickly remove the adhesives and glues from the mold without further disrupting the manufacturing process.

The Approach

The Hubbard-Hall team was approached to determine if they had a solution that would help the manufacturer speed up its processes



Cleaning
the Hard to Clean

Executive Summary

Taiwanese shoe manufacturer struggled to remove adhesives from stamping molds.

- Hubbard-Hall was sought out for well-known paint stripping expertise
- AquaStrip ACB removed soils in 20 minutes improving operational efficiency
- Electroless-nickel stamping molds were not harmed during cleaning process



for removing the adhesives and glues from the stamping molds. The manufacturer knew Hubbard-Hall was well-known globally for their effective use of paint stripping, and the lab team soon began testing the stamping molds with various products.

Hubbard-Hall's Aquastrip ACB proved to be the most effective process to remove the unwanted adhesives and glue. It is a mildly

acidic liquid concentrate, often used to remove tenacious polymeric coatings — including CARC and TGIC epoxy-hybrid powder coat — from ferrous and non-ferrous metals. The fast, safe, and effective Aquastrip ACB paint stripper does not contain any hazardous solvents, is versatile, and can be used at temperatures ranging from 120-180°F

The Outcome

Hubbard-Hall's Aquastrip ACB was able to quickly clean the stamping molds in under 20 minutes, thereby saving precious time in the manufacturing process for the company, as well as allowing them to reduce overhead labor costs by eliminating the need for six workers to manually clean the molds.

More importantly, the Aquastrip ACB product did not harm the plated electroless-nickel stamping molds, allowing them to have a longer lifespan in the manufacturing process. The manufacturer may end up using the process at their facilities in Brazil and Turkey, where along with Taiwan, more than 80% of shoes are manufactured using this same stamping mold process.

What about sustainability?

Many companies are under pressure to reduce, reuse and recycle. Hubbard-Hall customers agree that implementing the Aquastrip ACB process to reuse their masking plugs allows them to save money, improve profitability and satisfy the need for environmental and most importantly economic sustainability.

Can we do the same for you?

For six generations, Hubbard-Hall has been providing realistic, affordable solutions for our customers. We solve the problems others walk away from.

Our people. Your problem solvers.

Expertise you can trust. 32% of Hubbard-Hall associates are in tech support, customer service, or sales. This means that you get answers fast while the rest of our team gets your order delivered on time and in spec.

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