

Ronaclean™ EVP-206

An environmentally friendly product with excellent detergent properties

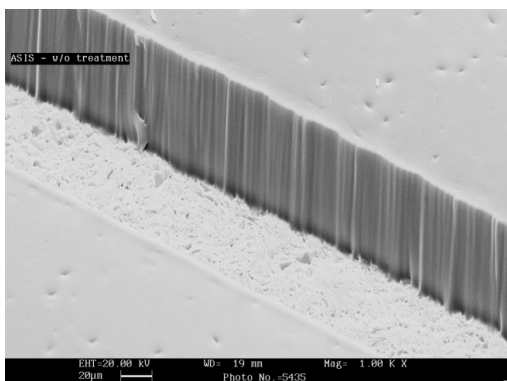


Ronaclean™ EVP-206 from Dow Electronic Materials is a one-component acid cleaner, specially designed for removing developer residues from aqueous alkali strippable dry films. It is compatible with pattern plating processes and prevents dry film attack, eliminating ragged circuit lines and undercut at the dry film foot. It exhibits good cleaning power, wettability and improved rinsability. The product formulation was specifically designed to be environmentally friendly. The chemistry in Ronaclean™ EVP-206 acid cleaner is biodegradable, complies with EU Detergent Regulation standards and is free of nonylphenol ethoxylate-based (NPE) surfactants and complexing agents. The spent bath does not require special waste treatment processing.

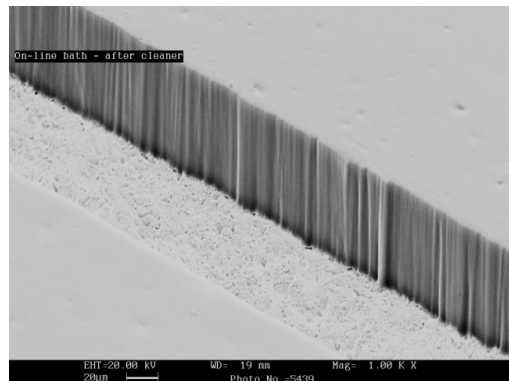
Ronaclean™ EVP-206 acid cleaner is designed to be compatible with Dow Electronic Materials' acid copper electrolytes.

Advantages

- Effectively removes developer residues associated with aqueous dry film
- No attack of dry films
- Free from complexing agents
- Ease of waste treatment
- Improved rinsability
- Compatible with Rohm and Haas Electronic Materials' acid copper electrolytes



SEM (500X): (a) Dryfilm after developing



(b) Dry film after treatment in EVP-206