SMART PHYSICAL CLEANING

microelectronics
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WELCOME TO THE POST-SOLVENT ERA
YESTERDAY'S CHALLENGES

- Waste Disposal
- Substrate Damage
- Throughput
- Risk to Human Health
- ATEX Upgrade
- Yield
- Aggressive Solvents
- High Energy Consumption
TODAY’S ANSWER

WET PHYSICS

INTELLIGENT FLUID microelectronics

INSTEAD OF

WET CHEMISTRY

PHYSICAL ACTION REPLACES CHEMICAL REACTION
APPLICATION PENETRATION UNDERCUT COMPLETE LIFT-OFF RINSE

WATERBASED NON-INFLAMMABLE pH NEUTRAL

intelligent fluid

DI Water

APPLICATION PENETRATION & UNDERCUT COMPLETE LIFT-OFF RINSE
HOW DOES IT WORK?

« MICRO-EARTHQUAKE EFFECT »

HIGHLY DYNAMIC MOLECULAR TEAMWORK

moves of plasmicells/second
REPLACEMENT OF

NMP  DMSO  SPM  ACETONE  ETC.
HOW DO YOU BENEFIT?

ENABLING
- Solving Current and Future Challenges

ECONOMY
- Improved Total Cost of Ownership, Higher Yield

ECOLOGY
- Smart to People, Nature and Materials
WHAT DO EXPERTS SAY?

Don Dussault
General Manager
EUROPE & ASIA PROSYS

"A game changing and EHS-compliant replacement for NMP, Acetone and many other solvents for resist stripping and metal lift-off."

Thomas Bohn
General Manager
TELTEC

"Intelligent fluids delivers the next generation of stripping and cleaning for semiconductor manufacturing and related industries."

Tony Wang
CEO & General Manager
STANDARD TECHNOLOGY CORP.

"Intelligent fluids show tremendous cleaning results in 4K/8K FPD manufacturing with a unique physical lift-off effect."
ADVANTAGES OF INTELLIGENT FLUIDS®

+ waterbased
+ physical function
+ biodegradable
+ dermatologically approved
+ non-inflammable
+ pH-neutral
+ thermodynamically stable
Contact your expert

Igor Eichinger
Category Manager Microelectronics

📞 +49 (0) 341 319 68 09
📱 +49 (0) 173 259 67 87
✉️ +49 (0) 341 319 68 10
✉️ eichinger@intelligent-fluids.com