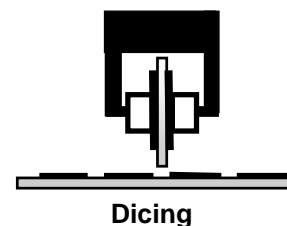


VECTOR HTD

Dicing/Sawing Lubricant with Anti-Corrosion Additives



Description

VECTOR HTD is a specially formulated dicing and sawing lubricant designed to extend blade life and most importantly eliminate corrosion of Al/Cu bond pads during the process thus eliminating poor bond quality. When used at a dilution of 200 to 1 with deionized water, the product will ensure the absence of aluminum corrosion regardless of the length of time the wafer is exposed to the sawing process. Regardless of the source of the corrosion (galvanic, electrolytic or photovoltaic) Vector HTD eliminates the problem.

Benefits

- ⇒ Economical to use
- ⇒ Simple to implement
- ⇒ Completely biodegradable
- ⇒ Safe and non-toxic

Directions

Mix VECTOR HTD at a dilution of 200 to 1 with DI water through the use of an injection pump. Make sure that enough coolant/lubricant mixture floods the interface of the blade and the wafer to ensure proper wetting and coverage.

Post-Dicing-Cleaning

Vector HTC-IC-2 detergent can be used to rinse and clean the parts after sawing to ensure cleanliness and again, no corrosive effects to the exposed metal.

Additional Information

VECTOR products are available in 5-gallon pails and 55-gallon drums, F.O.B. Bethel, Connecticut, and also include grinding fluids, suspension agents for lapping/polishing slurries, CMP slurries/oxidizers, rinse/wet storage additives, etching additives and ultrasonic/megasonic detergents. Material Safety Data Sheets available upon request.

Manufacturer: **INTERSURFACE DYNAMICS, Inc.**
Supplier: **N. BUCHER AG**, Pfadackerstrasse 9, 8957 Spreitenbach/Switzerland
Phone: ++41-56 418 19 90
Fax: ++41-56 418 19 99
<mailto:info@nbucherag.com>