

# AZ 1529 photoresist

|              |                                                                                                                                                                                                                                                                                                                                                                  |
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| Product      | AZ 1529 photoresist                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer | EMD Performance Materials Corp.                                                                                                                                                                                                                                                                                                                                  |
| Composition  | 65–70% <a href="#">1-methoxy-2-propanol acetate</a> , 5–10% <a href="#">diazonaphthoquinonesulfonic ester</a> , 0 - 0.3% <a href="#">2-methoxy-1-propanol acetate</a> , 25–30% <a href="#">cresol novolak resin</a> ; liquid                                                                                                                                     |
| Synonyms     |                                                                                                                                                                                                                                                                                                                                                                  |
| Typical Uses | Positive-tone photoresist for broadband and g/h/i-line exposure                                                                                                                                                                                                                                                                                                  |
| Hazards      | <div>   </div> <p>202</p> <p>Serious eye damage/eye irritation <b>CATEGORY 2A</b>, Flammable liquids <b>CATEGORY 3</b>, Specific target organ toxicity – single exposure <b>CATEGORY 3</b></p> |
| Storage      | Working volumes in amber bottles, stored in primary litho area; stock bottles in resist fridge outside W1-040                                                                                                                                                                                                                                                    |
| Disposal     | Solid: Organic waste / organic sharps waste containers in primary or secondary litho areas. Liquid: solvent waste bottles in litho wet decks or wet decks 1A/1B/2A.                                                                                                                                                                                              |
| Comments     | <a href="#">Standard recipe</a> yields ~3.4 µm resist thickness.                                                                                                                                                                                                                                                                                                 |
| Status       | STOCKED                                                                                                                                                                                                                                                                                                                                                          |



## Check First

Please contact a nanoFAB staff member for uses not listed above.

## Additional information

- [AZ 1500 series datasheet](#)