

**Materials List for:**

# A Method to Manipulate Surface Tension of a Liquid Metal via Surface Oxidation and Reduction

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URL: <https://www.jove.com/video/53567>

DOI: [doi:10.3791/53567](https://doi.org/10.3791/53567)

## Materials

| Name                               | Company                 | Catalog Number | Comments               |
|------------------------------------|-------------------------|----------------|------------------------|
| Eutectic Gallium Indium            | Indium Corporation      |                |                        |
| Sodium Hydroxide                   | Fisher Scientific       | 2318-3         |                        |
| Hydrochloric Acid                  | Fisher Scientific       | A481-212       |                        |
| Sodium Fluoride                    | Sigma-Aldrich           | 201154         |                        |
| Optical Adhesive                   | Norland                 | NOA81          |                        |
| Polydimethylsiloxane (Sylgard-184) | Dow Corning             |                | Silicone Elastomer Kit |
| Borosilicate Glass Capillaries     | Friedrich and Dimmoch   | B41972         |                        |
| Ag/AgCl Reference Electrode        | Microelectrodes Inc.    | MI-401F        |                        |
| Voltage Source                     | Keithley                | 3390           |                        |
| Potentiostat                       | Gamry                   | Ref 600        |                        |
| Laser Cutter                       | Universal Laser Systems | VLS 3.50       |                        |