

Materials List for:

Exfoliation and Analysis of Large-area, Air-Sensitive Two-Dimensional Materials

Josh P. Thompson¹, M. Hasan Doha¹, Peter Murphy^{1,2}, Jin Hu^{1,3}, Hugh O.H. Churchill^{1,3}

¹Department of Physics, University of Arkansas

²Department of Physics, SUNY Geneseo

³Institute for Nanoscale Science and Engineering, University of Arkansas

Correspondence to: Hugh O.H. Churchill at hchurch@uark.edu

URL: <https://www.jove.com/video/58693>

DOI: [doi:10.3791/58693](https://doi.org/10.3791/58693)

Materials

Name	Company	Catalog Number	Comments
Ablestik 286 epoxy	Loctite	256 6 OZ TUBE KIT	air-tight epoxy
Acetone	EDM Millipore Corporation	67-64-1	
Circular coverglass, 24 mm dia, 0 thickness	Agar Scientific	AGL46R22-0	window glass
Dicing tape	Ultron systems	1009R	exfoliation tape
High-Vacuum grease	Dow Corning	1597418	O-ring grease
Isopropanol	VWR Chemicals	BDH20880.400	
Silicon wafer, 300 nm oxide	University Wafer	E0851.01	flake substrate
Silicon wafer, 90 nm oxide	Nova Electronic Materials	HS39626-OX	flake substrate