

Materials List for:

# Micro 3D Printing Using a Digital Projector and its Application in the Study of Soft Materials Mechanics

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URL: <https://www.jove.com/video/4457>

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## Materials

Name	Company	Catalog Number	Comments
Poly(ethylene glycol) diacrylate	Sigma-Aldrich	437441	Mw~575
Poly(ethylene glycol)	Sigma-Aldrich	P3015	Mw~200
phenylbis(2,4,6-trimethylbenzoyl) phosphine oxide	Sigma-Aldrich	511447	Photo-initiator
Sudan I	Sigma-Aldrich	103624	Photo-absorber
Digital data projector	Viewsonic	PJD6221	
Convex lens	Thorlabs	LA1145	f = 75.0 mm
Mirror			4" silicon wafer
Manual stage	Velmex	A2506DE-S2.5	