

**Materials List for:**

# Studying Large Amplitude Oscillatory Shear Response of Soft Materials

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## Materials

Name	Company	Catalog Number	Comments
SPP analysis software	Simon Rogers Group (UIUC)	SPPplus_v1p1	Attached as supplementary files
MATLAB	Mathwork		
Rheometer	Anton Paar	MCR 702 TwinDrive	
50mm 2-degree cone	Anton Paar	CP50-2	Upper measuring system
50mm plate	Anton Paar	PP50	Lower measuring system
Xanthan gum (XG)	Sigma-Aldrich	11138-66-2	
Polyethylene oxide (PEO)	Sigma-Aldrich	25322-68-3	Mv=1,000,000
Dimethyl sulfoxide (DMSO)	Sigma-Aldrich	67-68-5	