

## Materials List for:

**Synthesis of Zeolites Using the ADOR (Assembly-Disassembly-Organization-Reassembly) Route**Paul S. Wheatley<sup>1</sup>, Jiří Čejka<sup>2</sup>, Russell E. Morris<sup>1</sup><sup>1</sup>EaStChem School of Chemistry, The University of St Andrews<sup>2</sup>J. Heyrovský Institute of Physical Chemistry, Academy of Sciences of the Czech RepublicCorrespondence to: Russell E. Morris at [rem1@st-andrews.ac.uk](mailto:rem1@st-andrews.ac.uk)URL: <https://www.jove.com/video/53463>DOI: [doi:10.3791/53463](https://doi.org/10.3791/53463)**Materials**

Name	Company	Catalog Number	Comments
Sodium hydroxide	Fisher Chemical	S/4920/53	99%
1,4-dibromobutane	Aldrich	140805-500G	99%
(2R,6S)-2,6-dimethylpiperidine	Aldrich	41470-100ML	>99%
Paraffin oil	Fisher Chemical	P/0320/17	
Chloroform	Fisher Chemical	C/4920/17	>99%
Sodium sulfate (anhydrous)	Fisher Chemical	S/6600/60	>99%
Diethyl ether	Sigma Aldrich	24002-2.5L	>99.5%
Ambersep 900-OH	Acros Organics	301340025	
Hydrochloric acid, 0.1 N	Fluka	318965-500ML	
Phenolphthalein	Sigma Aldrich	105945-50G	ACS Reagent
Silver nitrate	Ames Goldsmith		
Germanium dioxide	Alfa Aesar	11155	100.00%
fumed silica (Cab-o-sil M-5)	Acros Organics	403731500	