

Materials List for:

# Advanced Compositional Analysis of Nanoparticle-polymer Composites Using Direct Fluorescence Imaging

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## Materials

Name	Company	Catalog Number	Comments
Polydimethylsiloxane sheets	NuSil	-	Medical Grade
Oleylamine	Sigma Aldrich	O7805	Technical Grade
Trioctylphosphine	Sigma Aldrich	117854	Technical Grade
Trioctylphosphine oxide	Sigma Aldrich	346187	Technical Grade
1-Octadecene	Sigma Aldrich	O806	Technical Grade
Zinc diethyldithiocarbamate	Sigma Aldrich	329703	-
Oleic acid	Sigma Aldrich	364525	Technical Grade
Triethylamine	Sigma Aldrich	471283	-
Cadmium oxide	Alfa Aesar	33235	-
Hexadecylamine	Alfa Aesar	B22459	Technical Grade
1-Dodecylphosphonic acid	Alfa Aesar	H26259	-
Selenium powder	Acros	19807	-
Chloroform	Sigma Aldrich	366919	-
n-Hexane	Sigma Aldrich	208752	-
Microscope slides	VWR	631-0137	Thickness No. 1