

SPESolid Phase
Extraction

Application Note

World Leaders in Sample Preparation

SPE206**CLEAN UP OF PCBs FROM TRANSFORMER AND
WASTE OIL**

Spe-ed™ Cartridge	Cat. No. 2117- Florisil, 500mg/6mL. Process with <i>Spe-ed Mate</i> .
Sample Preparation	It may be necessary to treat dirty samples with concentrated sulfuric acid before processing. Dilute 1gm. of oil to 100mL with hexane. Add 10mLs of diluted sample to 5mLs of concentrated sulfuric acid. Agitate. Allow phase to separate and transfer upper phase (sample) to clean vial.
Cartridge Conditioning	2mLs hexane.
Sample Addition	Add 100mg. Of undiluted sample onto column.
Cartridge Wash	None.
Analyte Elution	Aspirate 15mLs of hexane through column. Collect eluant and dilute to 20mLs with hexane.

NOTE: *If sulfuric acid treatment is necessary, add the 10mLs of upper phase sample to the cartridge. Aspirate and collect eluant. Add an additional 9mLs of hexane to the cartridge and aspirate. Collect and combine with pervious elution. Dilute to 20mLs with hexane.*

The logo for Applied Separations, featuring the company name in a bold, italicized sans-serif font. The word "Applied" is positioned above "Separations", and there are several horizontal lines to the left of the text.

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