

## CHAPTER SIX

### PROPERTIES

This chapter addresses procedures for determining the physical and chemical properties of a waste material. Some of the following procedures, designated with an asterisk (\*), are considered "method-defined parameters," where the analytical result is wholly dependent on the process used to make the measurement. Changes to these specific methods may change the end result and invalidate a hazardous waste determination. Therefore, when the measurement of such method-defined parameters is required by regulation, those methods are **not** subject to the flexibility afforded in other SW-846 methods (such as described in the Disclaimer and Chapter Two of this manual).

The following methods are found in Chapter Six:

<b>Method 1030:</b>	Ignitability of Solids
<b>Method 1040:</b>	Test Method for Oxidizing Solids
<b>Method 1050:</b>	Test Methods to Determine Substances Likely to Spontaneously Combust
<b>Method 1120:</b>	Dermal Corrosion
<b>Method 1312*:</b>	Synthetic Precipitation Leaching Procedure
<b>Method 1313:</b>	Liquid-Solid Partitioning as a Function of Extract pH Using a Parallel Batch Extraction Procedure
<b>Method 1314:</b>	Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio for Constituents in Solid Materials Using an Up-Flow Percolation Column Procedure
<b>Method 1315:</b>	Mass Transfer Rates of Constituents in Monolithic or Compacted Granular Materials Using a Semi-Dynamic Tank Leaching Procedure
<b>Method 1316:</b>	Liquid-Solid Partitioning as a Function of Liquid-Solid Ratio Using a Parallel Batch Extraction Procedure
<b>Method 1320*:</b>	Multiple Extraction Procedure
<b>Method 1330A*:</b>	Extraction Procedure for Oily Wastes
<b>Method 9041A:</b>	pH Paper Method
<b>Method 9045D*:</b>	Soil and Waste pH
<b>Method 9050A:</b>	Specific Conductance
<b>Method 9080:</b>	Cation-Exchange Capacity of Soils (Ammonium Acetate)
<b>Method 9081:</b>	Cation-Exchange Capacity of Soils (Sodium Acetate)
<b>Method 9090A:</b>	Compatibility Test for Wastes and Membrane Liners
<b>Method 9095B*:</b>	Paint Filter Liquids Test
<b>Method 9096:</b>	Liquid Release Test (LRT) Procedure
<b>Method 9100:</b>	<b>Appendix A:</b> Liquid Release Test Pre-Test Saturated Hydraulic Conductivity, Saturated Leachate Conductivity, and Intrinsic Permeability
<b>Method 9310:</b>	Gross Alpha and Gross Beta
<b>Method 9315:</b>	Alpha-Emitting Radium Isotopes