

Paint Booth Filters

Waste Determination & Disposal Options

Prepared by



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Environmental • Safety • Regulatory

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Paint Filter Evaluation

All exhaust paint booth filters must be evaluated to determine if they are hazardous. It is the generator's responsibility to make this determination. There are two options that the generator can use to make this determination:

1) Generator Knowledge

This means you can demonstrate that there are no heavy metals in the paints and coatings above the regulatory limit. You must obtain a statement or similar documentation from the manufacturer of the paint products that are used for proof.

2) Analysis

The Toxicity Characteristic Leaching Procedure or TCLP is designed to determine the mobility of **analytes** present in liquid, solid, and multiphasic wastes. For paint filters, because they are solid and dry, liquid volatile and semi-volatile organic compounds do not need to be considered during the TCLP. A paint filter TCLP is a laboratory analysis that determines if metals in the paint and filter will leach out and potentially contaminate soil and groundwater.

If the results of the TCLP come back at or above the regulatory limits established in RCRA (40 CFR Part 261), they must be treated as "Hazardous Waste." See Table 1 for the limits established for metals in paint filters.

Table 1. 8 RCRA Metals / TCLP Limits

Metal	EPA Waste Code	EPA Methods	Regulatory Limit
Arsenic	D004	7061 / 6010	5.0 mg/L
Barium	D005	7081 / 6010	100 mg/L
Cadmium	D006	7131 / 6010	1.0 mg/L
Chromium	D007	7190 / 6010	5.0 mg/L
Lead	D008	7421 / 6010	5.0 mg/L
Mercury	D009	7470 / 6010	0.2 mg/L
Selenium	D010	7741 / 6010	1.0 mg/L
Silver	D011	7761 / 6010	5.0 mg/L

If your filters are determined to be Hazardous Waste, they must be managed carefully from “cradle to grave.” This includes proper storage, labeling, inspection, transportation and treatment. Records must also be kept to demonstrate compliance with applicable regulations.

If you would like Compliance Centre to have your filters analyzed, please contact us at 800-257-8199. We can also assist with management of your wastestreams, including exhaust paint filters, waste paint and related solvents, used oil, scrap metal and more...