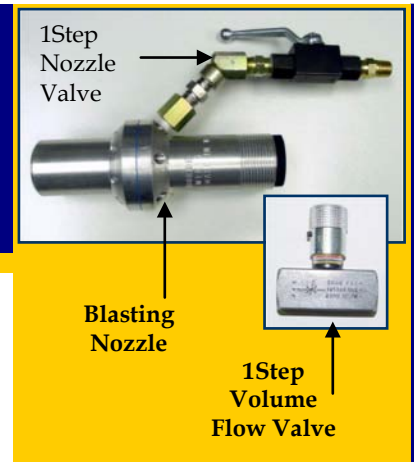


Enviro-Prep® 1Step

Advanced Lead Paint Abatement Technology in One Step

The blasting of leaded substrates creates sediment that may contain lead that leaches in excess of the RCRA toxicity characteristic (5.0 mg/L) defining it as hazardous waste. The use of Enviro-Prep® 1Step is the ultimate solution to removing lead-based paint as a nonhazardous waste in one easy step.



Render Lead in Sediment Nonhazardous

Enviro-Prep® 1Step uses a patented treatment chemistry that converts lead to a highly insoluble inorganic compound. The chemical dosage can be tailored to cost-effectively treat any level of lead to less than the RCRA toxicity characteristic (5.0 mg/L) or the Universal Treatment Standard (0.75 mg/L). The treated material remains stable under all “real world” and standard laboratory leaching tests.

Easy Field Application

Treatment with Enviro-Prep® 1Step can easily be integrated into existing blasting procedures. The Enviro-Prep System® conducts a TCLP test on each project and recommends a specific application amount based on those results. Enviro-Prep® 1Step is injected into the abrasive blast stream using a flow valve and an induction nozzle. The flow valve helps control the volume of product based on our recommended coverage rate while the nozzle actually inducts Enviro-Prep® 1Step internally into the blast media. This system allows blasting and remediation to occur simultaneously using our patented lead treatment chemistry, and results in the removal of lead based paint in one easy step. Enviro-Prep® 1Step is a water-based product, pH neutral, and does not pose wastewater or material handling problems. It is safe and easy to use.

Proven Technology

This product is based on the same chemistry and technology that is used in our other Enviro-Prep System® products. The Enviro-Prep System® has cost-effectively treated lead-impacted sediments in hundreds of applications across the United States.

Product Advantages

One Step Process. Incorporating a volume flow valve to your equipment aids in the correct application amount and integrates our patented lead treatment chemistry into the blasting process through the use of an induction nozzle.

Cost Savings. Sediment treated with Enviro-Prep® 1Step is *nonhazardous* and can be managed as a RCRA Subtitle D solid waste. This results in significant cost savings from reduced testing, transportation, disposal, and manifest tracking costs.

Dust and Odor Control. Use of Enviro-Prep® 1Step reduces airborne dust and odors that are characteristic of other treatment methods.

Environmentally Sound. Using Enviro-Prep® 1Step eliminates the long-term concerns associated with hazardous waste disposal and other treatment methods.

Enviro-Prep
SYSTEM®

A product of hci

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