



Lead-based Paint Disposal Fact Sheet

Terms You Should Know:

- ± **LEAD-BASED PAINT** - paint containing >0.06% (>600 ppm) **total lead**; or ≥ 0.7 mg/cm² **XRF**.
- ± **MUNICIPAL SOLID WASTE LANDFILL (MSWLF)** - A lined landfill with a leachate collection system & ground water monitoring that accepts municipal solid waste (garbage.) These landfills can accept waste painted with lead-based paint.
- ± **CONSTRUCTION, DEMOLITION, & LAND-CLEARING DEBRIS LANDFILL, a.k.a. AC&D Landfill** - A landfill that accepts certain construction & demolition debris and land-clearing debris & yard trash. These landfills can NOT accept waste painted with lead-based paint.
- ± **Total lead@ analysis** - reveals the total amount of lead contained in the media being tested and is expressed in Appm for Total lead@; used to determine acceptability of lead-based painted C&D waste for disposal at C&D landfills; when the total lead level on painted waste exceeds 0.06% by weight (>600 ppm) - the waste is NOT acceptable for disposal at a C&D landfill.
- ± **ATCLP@ analysis** - (Toxicity characteristic leaching procedure) is used to determine whether or not a waste is a characteristic hazardous waste due to leachability and is expressed in mg/l; ≥ 5.0 mg/l is considered hazardous under the SC Hazardous Waste Management Regulation.
- ± **AXRF@ analysis** - (X-ray Fluorescence Spectrum Analyzer) is used in-situ to determine the presence of lead-based paint; a reading of ≥ 0.7 mg/cm² means lead-based paint is present and, therefore, the painted waste is NOT acceptable at a C&D landfill. (The XRF analyzer must be licensed with DHEC.)

Facts You Should Know:

- ± C&D Landfills **CAN NOT** accept wastes painted with lead-based paint.
- ± All wastes painted with lead-based paint may be disposed in a Municipal Solid Waste Landfill.
- ± When determining proper disposal (C&D vs. MSWLF) for painted waste, one of the following methods must be used to test for the presence of lead-based paint. Analyze paint:
 - § For total lead, *not TCLP* (All chemical analyses must be done by a laboratory certified by either DHEC or EPA=s NLLAP (National Lead Laboratory Accreditation Program.); **OR**,
 - § Using a X-ray Fluorescence (XRF) Spectrum Analyzer (S.C. licensed.)



± When a contractor chemically removes, scrapes, or sandblast paint from a structure, the paint residue after removal from the substrate must **ALWAYS** be tested for lead using **TCLP** to determine if it is a “hazardous waste.” This requirement does **NOT** apply to paint residue removed from a home or residence. (Paint residue generated from a home or residence is considered household hazardous waste.)

± With regard to disposal, all non-hazardous wastes painted with Alead-based paint@ are still considered A solid waste@ **NOT** Ahazardous wastes.@

TYPES OF LANDFILLS	DESCRIPTION OF LANDFILL	ACCEPTABLE WASTE	DETERMINATION OF LEAD LEVEL
C&D	Construction, Demolition, & Land-Clearing Debris Landfill; Least protected type landfill; no liners, & no groundwater monitoring	See Regulation 61-107.11, Appendix I (NO waste painted with lead-based paint)	Analyze paint using <i>Total Lead analysis, or XRF analyzer.</i> <i>Total Pb</i> levels >600 ppm, or <i>XRF</i> levels $\geq 0.7\text{mg/cm}^2$ are NOT acceptable for disposal
MSWLF (Subtitle D)	Municipal Solid Waste Landfill; Synthetic liner & leachate collection system	Can accept C&D waste painted with lead-based paint	No testing required by DHEC
Subtitle C ε	Hazardous waste landfill	Paint residue with >5.0 mg/l lead	<i>TCLP</i>

ε *Disposal in a Subtitle C landfill does NOT apply to waste generated by construction or demolition activities conducted on a household or residence.*

Recycling C&D Waste Paint with Lead-based Paint:



± Metals painted with lead-based paint **CAN** be recycled - without removing the paint.

± Unless otherwise approved by the Department, C&D debris painted with lead-based paint can **NOT** be used as:

- § mulch,
- § fill material, or
- § roadbed

o **EXCEPTION:** Crushed brick and block can be used for road bed **IF** it will be encapsulated in asphalt or cement.

Best Management Practices Recommended by EPA:

EPA encourages residents and contractors managing waste painted with lead-based paint from households to take common sense measures to minimize the generation of lead dust, limit access to stored wastes painted with lead-based paint and maintain the integrity of waste packaging material during transfer of the waste. The following actions are recommended:

- _ Collect paint chips and dust, and dirt and rubble in plastic trash bags for disposal;
- _ Store larger lead-base painted architectural debris pieces in containers until ready for disposal;
- _ Consider using a covered mobile dumpster (such as a roll-off container for storage of debris until the job is done);
- _ Follow the guide lines contained in this Fact Sheet for proper disposal of waste painted with lead-based paint.

NOTE:

Contractors working in residential dwellings are subject to either one or both of the following:

- _ The HUD Guidance for contractors doing publicly funded rehabilitation/renovation projects in public housing can be accessed via the Internet at <http://www.hud.gov/lea/learules.html>.
- _ TSCA 402/404 training and certification requirements. (See 40 CFR Part 745; 61 FR 45778, August 29, 1996) and the proposed TSCA onsite management standards (See 40 CFR Part 745, Subpart P; 63 FR 70227 - 70230, Dec. 18, 1998.)

[The above-mentioned BMPs for households are similar to those included in the HUD Guidelines for individuals controlling lead-based paint (LBP) hazards in housing. HUD requires that contractors using HUD funding adhere to LBP hazard control guidelines. Non-adherence to these guidelines can potentially result in the loss of funding.]

March 24, 2004
h:pb-fact7

Dustless Dust Containment System

Dust Containment System

Patented Wet/Dry Vacuum

- Collects up to 99% of airborne dust
- Patented filter system
- HEPA model available
- Professional grade

Dust Muzzles for:

- Hand Held Grinders
- Circular Saws
- Core Drills
- Gas High Speed Saws
- Electric High Speed Saws
- Drywall Sanding
- Paint Chip Scraping



Part # 160070

Dustless Vacuum Specifications

	Std Vac	HEPA
Specifications	16 WD	
Inches Water Lift	72	
CFM	116	
Volts	110	
Watts	1324 peak	
Amps	11.5	
RPM's	23,000	
Vac Only Part #	160070	160071
Vac with ToolSync™	160236	160237

Patented system engineered specifically for fine dust created by diamond tools and drywall sanding.



Dust Muzzle *Without* Vacuum



Dust Muzzle *With* Vacuum

Dustless Dust Containment System

TEQ-Vac Features:

- Engineered for extra fine dust from drywall and concrete
- Filters can be cleaned without removing the lid
- Washable lifetime fabric primary and secondary filters
- tools and hose conveniently stored on vacuum
- automatic shut off keeps filters dry when full of water
- Change from wet to dry vacuuming without stopping
- Drain can be regulated from a drip to full flow
- Suction hose can be used as a drain hose
- No "coughing" out dust when turned on
- Quiet operation - only 81 decibels
- Powerful 23,000 RPM motor
- Patented double filter system
- Exceeds OSHA guidelines
- HEPA vac model captures particles down to 0.3 microns
- 72" water lift

5-piece Tool Set Includes:

- One 12' crush/kink proof hose
- 14" wide floor tool
- 1.5" crevice tool
- Two 19" extension wands



Dustless Wet/Dry Vacuum	Part #
Dustless Vacuum	160070
Accessories	Part #
18" DustMuzzle Hose 1-1/4"	160091
6" DustMuzzle Hose -1/4"	160092
25" x 2" flexible hose w/coupler	160093
Splitter "Y" 2" to 2", 2"	160105

Compare Dustless to Typical Shop Vacs

Features	Dustless System	Other System
Ability to change between wet and dry vacuuming without stopping to change filters	X	
Patented filtration system enables cleaning of internal filters without opening the unit to keep dust inside the canister.	X	
Patented filtration system designed specifically to contain extremely fine dust from dry wall and concrete cutting.	X	
Optional disposable patented micro-prefilter that keeps secondary and primary filters clean	X	
Machine-washable fabric filters designed to last the life of the machine.	X	
Quiet operation - 81 decibels	X	
Powerful suction that drops off very little as filters get full: 72" water lift compared to 30" to 40" on other vacs.	X	
Does not blow dust on startup.	X	
Automatic shut-off when full of water to protect filters and motor.	X	
Regulating drain valve	X	
12' crush proof hose can be used for pick up or draining.	X	

Shrouds recommended with use of 5/8-11 threaded arbor cup wheels.

Patented Filter System



Dustless wet/Dry Vacuums come with fabric primary and secondary filters that are machine washable and designed for lifetime use.

These filters stay dry at all times and can be cleaned by wiggling the exclusive agitator rod on the top of the unit. No need to open the vacuum and let dust escape.

The optional Micro-prefilter adds 5 layers of filtration, capturing particles down to 0.5 microns. The Micro-prefilters protects the primary and secondary filters, eliminating the need to clean them. It retains its strength when wet and is disposable.



The HEPA vac model features a HEPA filter in place of the secondary and primary filters. It captures airborne particles down to 0.3 microns for the ultimate in dust containment. It is a good idea to use a Micro-prefilter in conjunction with the HEPA filter to extend its life, although it is not required.

DITEQ Dust Shroud



- With adjustable clamp fitting can be used on hand grinders

Description	Part #
DITEQ muzzle for 6" grinder (5" max capacity)	160146
18" hose for DITEQ muzzle	160091

Dustie

- Flex-Flange™ universal connecting collar for fast, easy installation on all major makes of hand grinders. Simply slip it on and tighten band clamp.
- 5" size fits most 4"-5" hand grinders
- 7" size fits most 6"-9" hand grinders
- Captures 99% of airborne dust.
- Trim shroud for use in crack chasing and tuckpointing applications. (Must use snap on cover plate over open face when tuckpointing.)



Description	Part #
5" Dustie	160321
5" Cover Plate	160224
7" Dustie	160322
7" Cover Plate	160328
18" Hose Connection	160091

DustBuddie

- Includes 18" hose
- Captures up to 99% of dust
- Fits most 4"-9" hand grinders
- Quick & Easy to install - simple band clamp with spring actuated adjustment
- Clear polycarbonate for visibility and durability
- Removable front edge of shroud for grinding close to wall or edge
- Trim shroud for use in tuckpointing, crack chasing and decorative cutting applications. (Snap on cover plate required.)



Brush Skirt

Removable Front Edge



Snap on Cover Plate

Description	Part #
5" DustBuddie w/18" hose	160242
7" DustBuddie w/18" hose	160327
5" Cover Plate	160224
7" Cover Plate	160328
18" hose connection	160091

Dustless Dust Containment System

BitBuddie

- Flexible, translucent rubber dust shroud
- Captures dust and slurry
- Suction holds it in place
- 1-3/8" is excellent for tight places like drilling faucet holes in stone countertops



Description	Part #
1-3/8" dia. bits	160220

Turbo Drywall Sander

- Dual Action - sands and controls dust
- Air powered turbine provides aggressive orbital sanding motion
- Pole extends 7 ft for tall ceilings
- Sands in corners
- Converts to hand sander
- Lightweight - easy to use overhead



Description	Part #
Turbo Drywall Sander	160069

PaintBuddie

- Captures paint chips as they're made
- Works on both sides of the blade for collecting debris in both directions
- Excellent for popcorn ceiling removal
- Utilizes 2" wide blades



Description	Part #
2" PaintBuddie	160141



ToolSync™

Toolsync™ is the wireless way to integrate the on/off functions of power hand tools with a vacuum used for dust control. Start the tool and the vacuum also turns on. There are two models: one for electric tools and one for pneumatic tools.

Description	Part #
Standard Vac with ToolSync™	160236
HEPA Vacuum with ToolSync™	160237

This versatile system can be set it up so one power tool can operate several vacuums, or one vacuum can be activated by a number of tools.



Grinding Vacuum System	Part #
16 gal. wet/dry setup	160070
Micro pre-filter bags (qty of 10 filter bags)	160072
Dust Buddie	160242
TG6V 6" TEQ-Grind	G30006
5" CST34 Storm Cup Wheel	D81024
Total Package	G30007

Accessories/Attachments	Part #
DustBuddie - see page 106	
Dustie - See page 106	
DITEQ muzzle for 6" grinder (5" max capacity)	160146
18" 1-1/4" dia. hose for DITEQ muzzle	160091
2" Core Drill Shroud w/hose	160085
3" Core Drill Shroud w/hose	160086
WD Filter package wet/dry lifetime	160089
WD Filter master pk (pkg. 5 Pri & Sec)	160090
Micro pre-filter bags (qty of 10 filter bags)	160072
Micro pre-filter bags (qty of 20 filter bags)	160076
6' DM Hose 1-1/4"	160092
25' x 2" Flexible hose w/coupler	160093



Circular Saw Vacuum System	Part #
16 gal. wet/dry setup	160070
Micro pre-filter (qty of 10 filter bags)	160072
Saw shroud (specify saw type)*	
*Saw & blade not included	

Accessories for Electric Models	Part #
Saw Shroud - Bosch worm drive	160094
Saw Shroud - Skil worm drive	160095
Saw Shroud - Dewalt worm drive	160096
Saw Shroud - Makita worm drive	160097
Saw Shroud - Milwaukee worm drive	160098
Saw Shroud Type Electric - Bosch	160099
Saw Shroud Type Electric - Partner	160100

Accessories for Gas Models	Part #
Saw Shroud GP DITEQ Gas	160101
Saw Shroud GP - Makita Gas	160102
Saw Shroud GP - Partner/Husqvarna 12"	160103
Saw Shroud GP - Still 12" - 14" gas	160104

Shrouds recommended with use of 5/8-11 threaded arbor cup wheels.



Drywall Sanding Vacuum System	Part #
16 gal. wet/dry setup	160070
Micro pre filter 2 - 5 pk = 10 filters	160072
Turbo Dry Wall Sander	160069
Multi pack - all grits 5 of ea. 25pk 100,120, 150, 180, & 220 grits	160079
Total Package	G30008

Accessories/Attachments	Part #
Turbo Dry Wall Sander	160069
1/2 oz oil bottle sander	160080
Multi pack - all grits 5 of ea. 25pk 100,120, 150, 180, & 220 grits	160079
100 grit sandpaper 25 pack	160214
120 grit sandpaper 25 pack	160215
150 grit sandpaper 25 pack	160124
180 grit sandpaper 25 pk	160078
220 grit sandpaper 25 pack	160125

HEPA Vacuum System	Part #
16 gal. Hepa WD W/12'x2" hose	160071
Hepa Filter	160073

WARNING

LEAD WORK AREA

POISON

NO SMOKING, EATING

OR DRINKING

CUIDADADO

ZONA DE TRABAJO

CON PLOMO

VENEO

SE PROHIBE FUMAR,

COMER Y BEBER

WARNING

LEAD WORK AREA

AUTHORIZED PERSONNEL ONLY

POISON

NO SMOKING, EATING

OR DRINKING

CUIDADADO

ZONA DE TRABAJO

CON PLOMO

VENEO

SOLAMENTE PERSONAL

AUTORIZADO

SE PROHIBE FUMAR,

COMER Y BEBER