

D-Lead® Paint Test Kit**Section 1. Chemical Product and Company Identification****Product Name: D-Lead® Paint Test Kit**

Manufacturer: ESCA Tech, Inc.
3747 North Booth Street
Milwaukee, WI 53212
Phone: (414) 962-5323
Fax: (414) 962-7003

Transportation Emergency Phone:
1-800- 535-5053
InfoTrac
(24 hours, during transportation only)

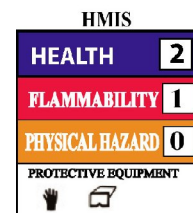


email: cservice@esca-tech.com

Product Code #: PTKIT-24-1.0; PTKIT-624, EKLP64000

CAS No.: Not applicable – product is a mixture

Generic Description: Lead Paint Test Kit

**Section 2: Composition/Information on Ingredients**

Hazardous Ingredient	CAS Number	w/w	OSHA PEL (TWA) (mg/m ³)	ACGIH TLV (TWA) (mg/m ³)
D-Lead® Paint Test Solution 1				
Sodium Hydroxide	CAS #: 1310-73-2	< 1 %	2.0	2.0
Triethanolamine	CAS#: 102-71-6	< 7 %	NE	5
D-Lead® Paint Test Solution 2				
Ammonium sulfide	CAS #: 12135-76-1	0.1 to 1.0%	N/A	N/A
D-Wipe® Paint Sampling Prep Towel				
Ethanol	CAS#: 64-17-5	12	1,000 ppm	1,000 ppm
D-Lead® Paint Test Kit Absorbent and Neutralizer				
Sand	CAS#: 14808-60-7	1 %	0.050 (respirable)	0.025 (respirable)
Sodium Bentonite	CAS#: 1302-78-9	85-90 %	5 (nuisance dust)	NE

Section 3: Hazards Identification**Potential Health Effect****D-Lead® Paint Test Solution 1**

EYE CONTACT: Eye irritant. Contains Sodium Hydroxide. Avoid contact with eyes.

SKIN CONTACT: Skin irritant. May cause skin irritation.

INGESTION: Not normal route of entry. Harmful if swallowed. May cause burns to mouth, throat and stomach. Nausea, dizziness or fatigue possible. If swallowed, contact physician

INHALATION: Does not generate vapors at normal temperatures.

D-Lead® Paint Test Kit**D-Lead® Paint Test Solution 2**

- EYE CONTACT:** Eye Irritant. May cause stinging or eye irritation upon contact.
- SKIN CONTACT:** May irritate skin. If skin rash or irritation occur wash with soap and water, apply skin lotion.
- INGESTION:** Not normal route of entry. Liquid may produce tissue damage particularly on mucous membranes of mouth and the gastrointestinal and respiratory tracts.
- INHALATION:** Inhalation of the spray mist may produce irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.
- Chronic Effects / Carcinogenicity:** Not listed as a carcinogen by NTP, IARC or OSHA

D-Wipe® Paint Sampling Prep Towel

- EYE CONTACT:** Possible. May cause stinging or eye irritation upon contact.
- SKIN CONTACT:** If skin rash or irritation occurs discontinue use, apply skin lotion.
- INGESTION:** Not normal route of entry.
- INHALATION:** None known. Does not generate vapors at normal temperatures of use.

D-Lead® Paint Test Kit Absorbent and Neutralizer

- EYE CONTACT:** May cause eye irritation. Do not rub into your eyes, may cause abrasion of the cornea.
- SKIN CONTACT:** No adverse effects expected.
- INGESTION:** Not normal route of entry. May cause upset stomach, nausea.
- INHALATION:** Inhalation of excessive concentration of dust may cause irritation of mucous membranes and upper respiratory tract.

Section 4: First Aid Measures

D-Lead® Paint Test Solution 1

- EYE CONTACT:** Remove contact lenses. Flush with water for 15 minutes and get immediate medical attention.
- SKIN CONTACT:** Remove and isolate contaminated clothing. Wash thoroughly with soap and water. Rinse with water. If irritation persists, get medical attention.
- INGESTION:** If ingested, do not induce vomiting. Drink 2 - 3 glasses of water and get immediate medical attention.
- INHALATION:** Remove person to fresh air.

D-Lead® Paint Test Solution 2

- EYE CONTACT:** Remove contact lenses. Flush with water for 15 minutes and get immediate medical attention.
- SKIN CONTACT:** In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.
- INGESTION:** If swallowed, drink one or two glasses of water and contact physician. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.
- INHALATION:** If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

D-Wipe® Paint Sampling Prep Towel

- EYE CONTACT:** Remove contact lenses. Flush with water for 15 minutes and get immediate medical attention.
- SKIN CONTACT:** If irritation persists, get medical attention.
- INGESTION:** Do not induce vomiting. If ingested, get immediate medical attention.
- INHALATION:** Remove victim to fresh air.

D-Lead® Paint Test Kit**D-Lead® Paint Test Kit Absorbent and Neutralizer**

EYE CONTACT: Remove contact lenses. Flush with water for 15 minutes. If irritation persists, get medical attention.

SKIN CONTACT: If skin irritation occurs wash with soap and water.

INGESTION: If large amount of material ingested, get medical attention.

INHALATION: Remove person to fresh air.

Section 5: Fire Fighting Measures

	D-Lead® Paint Test Solution 1	D-Lead® Paint Test Solution 2	D-Wipe® Paint Sampling Prep Towel	D-Lead® Paint Test Kit Absorbent and Neutralizer
Flash Point:	NA	76 °F (PMCC)	NA (non flammable solid)	This product is not combustible.
LEL:	NA	4%	NA	NA
UEL:	NA	46%	NA	NA
Extinguishing Media:	Material will not burn.	Use flooding quantities of water, alcohol foam, use dry chemical on small fire. <u>Do not use carbon dioxide.</u>	Carbon Dioxide or Alcohol type foam.	Material will not burn..
Unusual Fire and Explosion Hazards:	Material will not support combustion.	Emits toxic and corrosive fumes under fire conditions. Material can generate toxic hydrogen sulfide gas when mixed with acids.	Product contains ethyl alcohol.	Material will not support combustion.
Special Fire Fighting Procedure:	NA	Water spray is very effective in "washing" venting vapors from the air.	NA	NA

Section 6: Accidental Release Measures**D-Lead® Paint Test Solution 1 and Solution 2:**

Use absorbent to collect spill of Solution 1 and Solution 2. Dispose in accordance with all applicable local, state and federal waste regulations.

D-Wipe® Paint Sampling Prep Towel:

NA.

D-Lead® Paint Test Kit Absorbent and Neutralizer:

Sweep up and collect for reuse or disposal. Dispose in accordance with all applicable local, state and federal waste regulations.

Section 7: Handling and Storage

Handling: Keep out of reach of children. Avoid eye and skin contact. Avoid tasting or ingesting this product.

Storage: Keep out of direct sunlight and away from extreme heat. Store unopened kit below 122 °F (50 °C). After opening the kit, store at temperatures below 90 °F (32 °C). Keep containers tightly closed when not in use.

Section 8: Exposure Controls/Personal Protection

General Controls	Avoid eye and skin contact.
Respiratory Protection:	Not required.
Ventilation:	Normal.
Protective Clothing:	None required under normal use condition.
Protective Gloves:	Recommended.
Eye Protection:	Safety glasses.
Other Protective Clothing or Equipment:	None.
Work/Hygienic Practices:	Follow good housekeeping practices.

Section 9: Physical and Chemical Properties

	D-Lead® Paint Test Solution 1	D-Lead® Paint Test Solution 2	D-Wipe® Paint Sampling Prep Towel	D-Lead® Paint Test Kit Absorbent and Neutralizer
Boiling Point:	208 °F	212 °F (100 °C)	NA	NA
Vapor Pressure:	NE	NA	NA	NA
Vapor Density (Air = 1):	>1, same as water.	NA	NA	NA
Specific Gravity (H ₂ O = 1):	1.028 (8.58 lbs./gal.)	1.00	NA	NA
Evaporation Rate (Butyl Acetate = 1):	NE	NA	NA	2.2
Solubility in Water:	Complete.	Complete.	NA	NA
Appearance and Odor:	Clear, colorless, odorless liquid.	Clear liquid with characteristic (rotten egg) odor.	White applicator towel saturated with clear liquid with citrus odor	Insoluble.
pH:	12.9 to 13.3	9.7 to 10.1	5 - 5.5 (liquid)	Solid consisting of gray pellets mixed with gray and white powder
Flammability:	NA	Flammable	Non flammable solid according to 16 CFR 1500.44	NA

Section 10: Stability and Reactivity**D-Lead® Paint Test Solution 1**

Stability: Stable.
 Conditions to Avoid: None known.
 Incompatibility (materials to avoid): Should not be mixed with any other chemicals except those supplied with this test. Avoid contact with acids.
 Hazardous Polymerization: Will not occur.
 Hazardous Decomposition: Thermal decomposition may produce carbon monoxide and/or carbon dioxide.

D-Lead® Paint Test Solution 2

Stability: Stable.
 Conditions to Avoid: High temperature. Do not mix with acids.
 Incompatibility (materials to avoid): Acids, strong oxidizing agents. Contact with acids may evolve hydrogen sulfide gas.
 Hazardous Polymerization: Will not occur.
 Hazardous Decomposition Products: Hydrogen sulfide gas and ammonia when heated to decomposition.

D-Wipe® Paint Sampling Prep Towel

Stability: Stable.
 Conditions to Avoid: High temperatures.
 Incompatibility (materials to avoid): Strong oxidizers.
 Hazardous Polymerization: Will not occur.
 Hazardous Decomposition: Carbon dioxide and/or carbon monoxide.

D-Lead® Paint Test Kit Absorbent and Neutralizer

Stability: Stable.
 Conditions to Avoid: None known.
 Incompatibility (materials to avoid): Contact of dry clay with turpentine, vegetable oil or other unsaturated organic compounds, or with hydrofluoric acid may generate heat and/or fire.
 Hazardous Polymerization: Will not occur.
 Hazardous Decomposition: None.

Section 11: Toxicological Information

This product has not been tested as a whole.

Section 12: Ecological Information

This product has not been tested as a whole.

Section 13: Disposal Consideration

After use, solution may contain suspended and dissolved heavy metals. After each test, pour Solution 1 contents into the Waste Disposal Bag. After all tests are done pour any remaining Solution 2 into the Waste Disposal Bag. Dispose of bag in accordance with all applicable local, state and federal regulations.

Section 14: Ground Transport Information

Proper Shipping Name (49 CFR 172.101):	ORM-D Consumer Commodity
D.O.T. Hazard Name (49 CFR 172.101):	ORM-D Consumer Commodity
D.O.T. ID No.:	ORM-D Consumer Commodity
D.O.T. Hazard Class:	ORM-D Consumer Commodity

Air Transport Requirements are still under review.

Section 15: Regulatory Information

RCRA (Lists of Hazardous Wastes, 40 CFR 261 Subpart D):	NA
CLEAN AIR ACT (SEC. 112. Hazardous Air Pollutants):	NA
CLEAN WATER ACT (RQ, 40 CFR):	Sodium Hydroxide: 1,000 lbs (454 kg) Ammonium Sulfide: 100 lbs (45.4 kg)
CERCLA: Section 102 (RQ, 40 CFR):	Sodium Hydroxide: 1,000 lbs (454 kg) Ammonium Sulfide: 100 lbs (45.4 kg)
SARA Title III:	Components present in this product at a level which could require reporting are: none.
Section 302 -304, 40 CFR 355	
Section 311 - 312:	Components present in this product at a level which could require reporting are: none.
Section 313:	NA
TSCA Section 8(b) Inventory Status:	All ingredients are listed on TSCA Inventory of Chemical Substances or exempt from TSCA Inventory requirements.
Workplace Hazardous Materials Information System (WHMIS):	Silica: D2A

State Lists

Sodium Hydroxide – CA, FL, MA, NJ, PA
 Triethanolamine – CA, MN, NJ, PA, RI
 Ammonium Sulfide – FL, MA, NJ, PA
 Ethanol - FL, MA, NJ, PA
 Silica – CA, NJ, PA

Proposition 65. This product contains a chemical known to the State of California to cause cancer. (sand, 1 % in Waste Absorbent and Neutralizer).

Section 16: Other Information

NA – Not Applicable

NE – Not Established

RQ - Reportable Quantity

UEL: Upper Explosive Limit

LEL: Lower Explosive Limit

Revisions: 09/06/2010 full review and update

ESCA Tech, Inc Disclaimer "The information and recommendations presented herein are based on sources believed to be reliable as of the date hereof. ESCA Tech makes no representation as to the completeness or accuracy thereof. It is the user's responsibility to determine the product's suitability for its intended use, the product's safe use, and the product's proper disposal. No representations or warranties not expressly set forth herein are made hereunder, whether express or implied by operation of law or otherwise, including, but not limited to any implied warranties of MERCHANTABILITY OR FITNESS. ESCA Tech neither assumes nor authorizes any other person to assume for it, any other or ADDITIONAL LIABILITY OR RESPONSIBILITY resulting from the use of, or reliance upon, this information."