

D-Lead® Paint Test Kit

PT-

Revision Date: 21-Nov-2016

1. IDENTIFICATION

Product Name	D-Lead® Paint Test Kit	
Other means of identification	Product Code: PTKIT-24-1.0; PTKIT-007; PTKIT-027; EKLP64000	
Recommended Use	Detecting presence of lead in paint	
<u>Company</u>	<u>Emergency Telephone Number</u>	
ESCA Tech, Inc. 3747 North Booth Street Milwaukee, WI 53212 e-mail: cservice@esca-tech.com	Company Phone Number:	Phone: (414) 962-5323 Fax: (414) 962-7003
	Emergency Telephone (24 hr):	INFOTRAC 1-352-323-3500 (International) 1-800-535-5053 (North America)

2. HAZARD IDENTIFICATION

D-Lead® Paint Test Kit

Wear safety glasses and protective gloves. Do not eat, drink or smoke when using this test kit. Wash thoroughly after handling.

Components:

A. D-Lead® Paint Test Solution 1

GHS Classification

Causes serious eye irritation	Category 2A
Causes skin irritation	Category 2

GHS Label element

Signal Word:	Warning
Hazard Statements:	Causes serious eye irritation. Causes skin irritation.



Precautionary Statements:

Prevention

Avoid contact with eyes and skin. Wear safety glasses and protective gloves. Wash thoroughly after handling. Keep out of reach of children.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

IF ON SKIN: Wash skin with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a doctor if you feel unwell.

IF INHALED: Remove person to fresh air.

Other Hazards:

None known.

B. D-Lead[®] Paint Test Solution 2
GHS Classification

Causes eye irritation. Category 2B

Hazard statement: Causes eye irritation.

Prevention
Wash thoroughly after handling. Keep out of reach of children.

Precautionary Statements: **Response**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
IF ON SKIN: Wash skin with soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
IF SWALLOWED: Rinse mouth. Drink 2 – 3 glasses of water. Do NOT induce vomiting. Call a doctor if you feel unwell. IF INHALED: Remove person to fresh air.

Other Hazards: None known.

C. D-Wipe[®] Paint Sampling Prep Towel

GHS Classification

Causes eye irritation. Category 2B

Hazard Statements: Causes eye irritation.

Precautionary Statements: Avoid contact with eyes.

Response
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
IF ON SKIN: Rinse skin with soap and water.
IF INHALED: Remove person to fresh air.
IF SWALLOWED: Not a normal route of entry. Rinse mouth. Do NOT induce vomiting. Call a physician immediately.

Other Hazards: None known.

D. D-Lead[®] Paint Test Kit Waste Disposal Bag with Absorbent and Neutralizer

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Hazard Statements: May cause eye irritation.

Precautionary Statements: Avoid contact with eyes. Do not rub into your eyes. Wash thoroughly after handling. Keep out of reach of children.

Response
IF IN EYES: Rinse cautiously with water, also under the eye lids for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
IF ON SKIN: Remove contaminated clothing. Rinse skin with soap and water.
IF INHALED: Remove person to fresh air.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a doctor if you feel unwell.

Other Hazards: None known.

E. D-Lead® Paint Test Verification Test Strips

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Precautionary Statements

Do not swallow.

Response

IF IN EYES: Not a normal route of entry (paper strip with dried test solution).

IF ON SKIN: Rinse skin with soap and water.

IF INHALED: Vapor generation is not expected under normal use.

IF SWALLOWED: Rinse mouth. Drink 2 - 3 glasses of water. Do not induce vomiting.

Other Hazards:

Not expected to cause harmful effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

		Chemical Name	CAS#	Weight %
A.	Solution 1	Sodium Hydroxide	1310-73-2	< 1
A.	Solution 1	Triethanolamine	102-71-6	<5
B.	Solution 2	Ammonium Sulfide	12135-76-1	<2
C.	Prep Towel	Ethanol	64-17-5	<8
D.	Disposal Bag	Bentonite	1302-78-9	85 - 95
E.	Test Strips	Ferrous Sulfate	7782-63-0	<1

4. FIRST AID MEASURES

First Aid Measures:

A. D-Lead® Paint Test Solution 1

In case of eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

In case of skin contact:

Wash skin with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

If swallowed:

Rinse mouth. Do NOT induce vomiting. Call a doctor if you feel unwell.

If inhaled:

Does not generate vapors at room temperature. Remove person to fresh air.

Symptoms:

May cause painful stinging of eyes and lids, watering of eyes. Prolonged contact with skin may cause skin irritation or mild burn. If swallowed may cause burns to mouth, throat and stomach.

Notes to physician:

Treat symptomatically.

B. D-Lead® Paint Test Solution 2

In case of eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

In case of skin contact:

Wash skin with soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

If swallowed:

Rinse mouth. Drink 2 – 3 glasses of water. Do NOT induce vomiting. Call a doctor if you feel unwell.

If inhaled:

Remove person to fresh air.

Symptoms: May cause eye irritation. Direct contact with skin may cause irritation. Inhalation may cause respiratory tract irritation.

Notes to physician: Treat symptomatically.

C. D-Wipe[®] Paint Sampling Prep Towel

In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

In case of skin contact: Rinse with soap and water.

If swallowed: Not a normal route of entry. Rinse mouth. If symptoms occur: Get medical attention.

If inhaled: Remove person to fresh air.

Symptoms: Direct eye contact may cause stinging, tearing and redness. Ingestion may cause nausea

Notes to physician: Treat symptomatically.

D. D-Lead[®] Paint Test Kit Waste Disposal Bag with Absorbent and Neutralizer

In case of eye contact: Rinse cautiously with water, also under the eyelids, for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

In case of skin contact: Take off contaminated clothing and wash it before reuse. Wash skin with soap and water. If skin irritation persists: Get medical attention.

If swallowed: Do not induce vomiting. Rinse mouth. If symptoms occur: Get medical attention.

If inhaled: Remove person to fresh air.

Symptoms: Eye irritation. May irritate skin.

Notes to physician: Treat symptomatically.

E. D-Lead[®] Paint Test Verification Test Strips

In case of eye contact: Paper strips, eye contact not expected.

In case of skin contact: Wash skin with soap and water.

If swallowed: Paper strips, ingestion not expected.

If inhaled: Does not generate vapors at room temperature.

Symptoms: Not expected to cause harmful effects.

Notes to physician: Treat symptomatically.

See toxicological information (Section 11).

5. FIRE FIGHTING MEASURES

A. D-Lead[®] Paint Test Solution 1

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and surrounding environment.

Unsuitable extinguishing media: None determined.

Specific hazards during firefighting: Does not support combustion.

Specific extinguishing methods: Collect contaminated fire extinguishing water separately. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. In the event of fire do not breathe fumes.

B. D-Lead[®] Paint Test Solution 2

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
Unsuitable extinguishing media:	Carbon dioxide.
Specific hazards during firefighting:	Not flammable and does not support combustion.
Hazardous combustion products:	May emit toxic or corrosive fumes under fire conditions. Hydrogen sulfide. Ammonia.
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific extinguishing methods:	Collect contaminated fire extinguishing water separately. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. In the event of fire do not breathe fumes.

C. D-Wipe[®] Paint Sampling Prep Towel

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
Unsuitable extinguishing media:	Not determined.
Specific hazards during firefighting:	Not flammable and does not support combustion. Non-flammable solid according to 16 CFR 1500.44.
Hazardous combustion products:	Carbon oxides.
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific extinguishing methods:	Collect contaminated fire extinguishing water separately. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. In the event of fire do not breathe fumes.

D. D-Lead[®] Paint Test Kit Waste Disposal Bag with Absorbent and Neutralizer

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
Unsuitable extinguishing media:	Not determined.
Specific hazards during firefighting:	Not flammable and does not support combustion.
Hazardous combustion products:	Not determined.
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.
Specific extinguishing methods:	Collect contaminated fire extinguishing water separately. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. In the event of fire do not breathe fumes.

E. D-Lead[®] Paint Test Verification Test Strips

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
Unsuitable extinguishing media:	Not determined.
Specific hazards during firefighting:	Not determined.
Hazardous combustion products:	Carbon oxides.
Protective equipment and precautions for firefighters:	As in any fire, wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific extinguishing methods: Collect contaminated fire extinguishing water separately. Fire residues and contaminated extinguishing water must be disposed of in accordance with local regulations. In the event of fire do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

D-Lead® Paint Test Kit and components

Personal precautions, protective equipment and emergency procedures: Ensure clean-up is conducted by trained personnel only. Refer to protective measures, section 7 and 8.

Environmental precautions: Avoid contact with soil, surface or groundwater.

Methods and material containment and cleaning up: Stop and prevent further leakage or spillage if safe to do so. Contain spillage and then absorb with non-combustible, absorbent material. Place in appropriate containers for disposal. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

D-Lead® Paint Test Kit and components

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes. Do not take internally. Wash hands after handling.

Conditions for safe storage: Keep out of reach of children. Keep all container tightly closed in a cool, dry and well-ventilated place.

Storage temperature: Do not expose kit to temperatures exceeding 122 °F /50 °C. After opening kit, store at temperature below 90 °F (32 °C), out of direct sunlight and away from extreme heat.

Incompatible materials: Strong acids and oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

The following information is given as general guideline:

	Chemical Name	ACGIH	OSHA	NIOSH
A.	Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³
A.	Triethanolamine 102-71-6	TWA: 5 mg/m ³	-	-
B.	Ammonium Sulfide 12135-76-1	This product as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.		
C.	Ethanol 64-17-5	STEL: 1,000 ppm	TWA: 1,000 ppm TWA: 1,900 mg/m ³	IDLH: 3,300 ppm TWA: 1,000 ppm TWA: 1,900 mg/m ³
D.	Bentonite 1302-78-9	TWA: 1 mg/m ³ respirable fraction	-	-

Engineering Controls: Eyewash station. Showers.

Individual protection measures, such as personal protective equipment

Eye/face protection: Avoid contact with eyes. Safety glasses or goggles.

Skin and body protection: Protective gloves.

Respiratory protection: No protective equipment is needed under normal use conditions.

Hygiene measures: Avoid contact with eyes.

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	D-Lead [®] Paint Test Kit Verification Test Strips
Appearance:	Clear liquid	Clear liquid	White applicator towel saturated with clear liquid.	Gray pellets mixed with gray and white powder	Test solution dried onto paper strips
Color:	Colorless	Clear to light yellow			Yellow
Odor:	Odorless	Rotten Egg	Citrus	Not determined	None
Odor threshold:	Not determined	Not determined	Not determined	Not determined	Not determined
pH:	12.9	9.7 – 10.1	4.5 – 5.5	Not determined	Not applicable
Melting point/Freezing point:	Not determined	Not determined	Not determined	Not determined	Not applicable
Boiling point/Boiling range:	99.7 °C/ 208 °F	100 °C/ 212 °F	Not applicable	Not applicable	Not applicable
Flash point:	Not applicable.	>99.8 °C/ >212 °F	Not applicable	Not applicable	Not applicable
Evaporation rate:	Not established	Not available	Not established	Not determined	Not determined
Flammability (solid, gas):	Not applicable	Not applicable	Non-flammable solid according to 16 CFR 1500.44	Not determined	Not determined
Upper Flammability Limits:	Not determined	46%	Not determined	Not determined	Not determined
Lower Flammability Limits:	Not determined	4%	Not determined	Not determined	Not determined
Vapor pressure:	Not established	Not established	Not established	Not determined	Not applicable
Vapor density:	<1 (same as water) (Air = 1)	Not established	Not applicable	Not determined	Not applicable
Specific gravity:	1.028 (Water = 1)	1.00 (Water = 1)	Not applicable	2.2 (Water = 1)	Not applicable
Water solubility:	Completely soluble	Completely soluble	Not applicable	Insoluble	Not determined
Solubility in other solvents:	Not determined	Not determined	Not determined	Not determined	Not determined
Partition coefficient:	Not determined	Not determined	Not determined	Not determined	Not determined
Auto-ignition temperature:	Not determined	Not determined	Not determined	Not determined	Not determined
Density:	8.58 lb/gal	Not determined	Not determined	Not determined	Not applicable
Decomposition temperature:	Not determined	Not determined	Not determined	Not determined	Not determined
Viscosity:	Not determined	Not determined	Not applicable	Not applicable	Not applicable

10. STABILITY AND REACTIVITY

D-Lead[®] Paint Test Kit components

A. D-Lead[®] Paint Test Solution 1

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	See section 7 Handling and Storage. Keep out of reach of children.
Incompatible materials:	Do not mix with other chemicals except for those supplied with this test kit.
Hazardous decomposition products:	Thermal decomposition may produce carbon oxides.

B. D-Lead[®] Paint Test Solution 2

Reactivity:	Not reactive under normal conditions. Oxidized by exposure to air.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	High temperature. See section 7 Handling and Storage. Keep out of reach of children.
Incompatible materials:	Acids. Contact with acids may evolve hydrogen sulfide gas. Strong oxidizing agents.
Hazardous decomposition products:	Hydrogen sulfide gas and ammonia when heated to decomposition.

C. D-Wipe[®] Paint Sampling Prep Towel

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	See section 7 Handling and Storage. Keep out of reach of children.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon oxides.

D. D-Lead[®] Paint Test Kit Waste Disposal Bag with Absorbent and Neutralizer

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	See section 7 Handling and Storage. Keep out of reach of children.
Incompatible materials:	Contact of dry clay with turpentine, vegetable oil or other unsaturated organic compounds, or with hydrofluoric acid may generate heat and/or fire.
Hazardous decomposition products:	None known

E. D-Lead[®] Paint Test Verification strips

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	None under normal processing.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	See section 7 Handling and Storage. Keep out of reach of children. High temperature.
Incompatible materials:	None known.
Hazardous decomposition products:	Thermal decomposition may produce carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

A. D-Lead[®] Paint Test Solution 1

Eye contact: Avoid contact with eyes. Causes serious eye irritation.
 Skin contact: Causes skin irritation.
 Ingestion: Not normal route of entry. Do not ingest.
 Inhalation: Avoid breathing vapors or mists.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Hydroxide 1310-73-2	-	=1,350 mg/kg (Rabbit)	-
Triethanolamine 102-71-6	=4,190 mg/kg (Rat)-	> 16 mL/kg (Rat) > 20 mL/kg (Rabbit)	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity: Not classifiable as a human carcinogen.

B. D-Lead[®] Paint Test Solution 2

Contains: Ammonium Sulfide

Eye contact: Avoid contact with eyes. Causes eye irritation.
 Skin contact: May cause skin irritation.
 Ingestion: Not normal route of entry. Do not ingest.
 Inhalation: Avoid breathing vapors or mists.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity: Based on the information provided, this component of the D-Lead[®] Paint Test Kit does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

C. D-Wipe[®] Paint Sampling Prep Towel

Eyes: Avoid contact with eyes. Causes eye irritation.
 Skin: Not expected to be a skin irritant under normal use.
 Ingestion: Not a normal route of entry. Health injuries are not expected under normal use.
 Inhalation: Health injuries are not expected under normal use.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl Alcohol 64-17-5	= 7,060 mg/kg (Rat)	-	= 124.7 mg/L (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity: Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage. This component (1 Prep Towel) of the D-Lead[®] Paint Test Kit contains less than 1 g of liquid containing alcohol.

D. D-Lead[®] Paint Test Kit Waste Disposal Bag with Absorbent and Neutralizer

Eyes: Avoid contact with eyes. Causes eye irritation.
 Skin: Not expected to be a skin irritant under normal use.
 Ingestion: Not a normal route of entry. Do not ingest.
 Inhalation: Avoid breathing powder. May irritate the respiratory tract.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Bentonite 1302-78-9	= 5,000 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity: Based on the information provided, this component of the D-Lead® Paint Test Kit does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

E. D-Lead® Paint Test Verification strips

Eye contact: Not an expected route of exposure.
 Skin contact: Not an expected route of exposure.
 Ingestion: Not an expected route of exposure.
 Inhalation: Not an expected route of exposure.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity: Based on the information provided, this component of the D-Lead® Paint Test Kit does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity of the D-Lead® Paint Test Kit or its components: Not determined.

12. ECOLOGICAL INFORMATION

A. D-Lead® Paint Test Solution 1

This component of the D-Lead® Paint Test Kit is not classified as environmentally hazardous.

Persistence and Degradability: Not determined.
 Bioaccumulative Potential: Not determined.
 Mobility in soil: Not determined
 Other Adverse Effects: Not determined.

B. D-Lead® Paint Test Solution 2

This component of the D-Lead® Paint Test Kit is not classified as environmentally hazardous.

Persistence and Degradability: Not determined.
 Bioaccumulative Potential: Not determined.
 Mobility in soil: Not determined
 Other Adverse Effects: Not determined.

C. D-Wipe® Paint Sampling Prep Towel

This component of the D-Lead® Paint Test Kit is not classified as environmentally hazardous.

Persistence/Degradability: Not determined.
 Bioaccumulative potential: Not determined.
 Mobility in soil: Not determined.
 Other Adverse Effects: Not determined.

D. D-Lead® Paint Test Kit Waste Disposal Bag with Absorbent and Neutralizer

This component of the D-Lead[®] Paint Test Kit is not classified as environmentally hazardous.

Persistence/Degradability: Not determined.
 Bioaccumulative potential: Not determined.
 Mobility in soil: Not determined.
 Other Adverse Effects: Not determined.

E. D-Lead[®] Paint Test Verification strips

This component of the D-Lead[®] Paint Test Kit is not classified as environmentally hazardous.

Persistence/Degradability: Not determined.
 Bioaccumulative potential: Not determined.
 Mobility in soil: Not determined.
 Other Adverse Effects: Not determined.

	Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
A.	Sodium Hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mL/L LC50 static		
A.	Triethanolamine 102-71-6		10,600 -13,000: 96 h Pimephales promelas mg/L LC50 flow-through 1,000: 96 h Pimephales promelas mg/L static 450 – 1,000: 96h Lepomis macrochirus mg/L LC50 static		1,386: 24 h Daphnia magna mg/L EC50
C.	Ethyl Alcohol 64-17-5		12.0 – 16.0: 96 h Oncorhynchus mykiss mL/L LC50 static 100: 96 h Pimephales promelas mg/L LC50 static 13,400 -15,100; 96 h Pimephales promelas mg/L LC50 flow-through		9,268 -14,221: 48 h Daphnia magna mg/L LC50 10,800; 24 h Daphnia magna mg/L EC50 2: 48 h Daphnia magna mg/L EC50 static
D.	Bentonite 1302-78-9		19,000: 96 h Oncorhynchus mykiss mL/L LC50 static 8,000 – 19,000: 96 h Salmo gairdneri mg/L LC50		

13. DISPOSAL CONSIDERATION

Waste Treatment Methods

After use of test, solution may contain suspended and dissolved heavy metals. After a test or all tests are done, pour D-Lead[®] Paint Test Solution 1 bottle contents into the D-Lead[®] Paint Test Kit Waste Disposal Bag. After all tests are completed, pour any remaining D-Lead[®] Paint Test Solution 2 into the D-Lead[®] Paint Test Kit Waste Disposal Bag.

Disposal of Wastes: Dispose of bag in accordance with applicable regional, national and local laws and regulations.
Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
D.O.T.:	Not regulated.
IATA.:	Not regulated.
IMDG:	Not regulated.

15. REGULATORY INFORMATION

US Federal Regulations

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)
Section 311/ 312:	Components present in this product at a level which could require reporting are: none.
Section 313:	Not determined.
TSCA Section 8(b) Inventory Status:	All ingredients are listed on TSCA Inventory of Chemical Substances or exempt from TSCA Inventory requirements.
Canada DSL:	All ingredients are listed on the Canada Domestic Substances List
AICS Inventory Status:	All ingredients are listed on Australia Inventory of Chemical Substances.

State Lists

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

This product contains the following Proposition 65 chemicals:

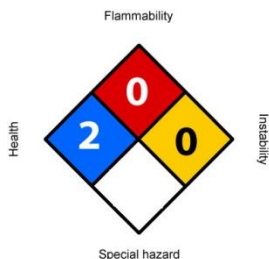
Ethanol has been shown to be carcinogenic in long-term studies only when consumed as an alcoholic beverage.
This component (1 Prep Towel) of the D-Lead® Paint Test Kit contains less than 1 g of liquid containing alcohol.

Legend

AICS – Australian Inventory of Chemical Substances
ACGIH - American Conference of Governmental Industrial Hygienists
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
D.O.T. – Department of Transportation (US)
DSL/NDSL –Canadian Domestic Substances List/Non-Domestic Substances List
IARC – International Agency for Research on Cancer
IATA - International Air Transport Association
IMDG- International Maritime Dangerous Goods
NTP – National Toxicology Program (US)
NIOSH - National Institute for Occupational Safety and Health
OSHA - Occupational Safety and Health Administration (US)
TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

16. OTHER INFORMATION

NFPA:



HMIS III



0 = not significant
1 = slight
2 = moderate

3 = high
4 = extreme
* = chronic

Revisions:

Issue Date: 05-August -2010
Revision Date: 21-Nov-2016
Revision number: R9
Revision note: Rev 8: New format. Rev 9: Updated Section 2 and 11.

Disclaimer "

The information provided in this Safety Date Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and it is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or any process, unless specified in the text.