

# SAFETY DATA SHEET

## American HDD (all sizes); 245912

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2020/878 and US OSHA HCS 2015

### Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** 245942; 245922;  
**Product Name:** American HDD (all sizes); 245912
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**  
**Company Name:** American HDD LLC  
1300 W. National Ave. Unit C  
Addison, IL 60101 United States of America  
**Phone Number:** (888)206-3044
- 1.4 Emergency telephone number:**

### Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**  
**Acute Toxicity: Oral, Category 4**  
**Serious Eye Damage/Eye Irritation, Category 2B**  
**Aquatic Toxicity (Acute), Category 1**  
**Aquatic Toxicity (Chronic), Category 1**

**2.2 Label Elements:**



**GHS Signal Word:** **Warning**

**Hazard-determining components of labelling:**

**GHS Hazard Phrases:**

- H302 - Harmful if swallowed.  
H320 - Causes eye irritation.  
H400 - Very toxic to aquatic life.  
H410 - Very toxic to aquatic life with long lasting effects.

**GHS Precautionary Phrases:**

- P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.

**GHS Response Phrases:**

- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P330 - Rinse mouth.  
P337+313 - If eye irritation persists, get medical advice/attention.  
P391 - Collect spillage.

**GHS Storage and Disposal Phrases:**

- P501 - Dispose of contents/container to in compliance with federal regulations.

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Supersedes Revision: 02/23/2018**UFI:****2.3 Adverse Human Health** Chronic: Prolonged or repeated skin contact may cause dermatitis.**Effects and Symptoms:****2.3.1 Inhalation:** No hazard expected in normal industrial use. May cause respiratory tract irritation.**2.3.2 Skin Contact:** May cause mild skin irritation. May be harmful if absorbed through the skin.**2.3.3 Eye Contact:** Causes eye burns. May cause eye irritation.**2.3.4 Ingestion:** Ingestion of large amounts may cause gastrointestinal irritation. Low hazard for usual industrial handling. May be harmful if swallowed.

### Section 3. Composition/Information on Ingredients

CAS #	Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
14807-96-6	Talcum 01-2120140278-58	1.0 -5.0 %	238-877-9 NA	No GHS classifications apply.
7440-50-8	Copper 01-2119480154-42	4.0 -7.0 %	231-159-6 NA	Skin Sens. 1A: H317 STOT (SE) 1: H370 STOT (SE) 3: H335 H336
7782-42-5	Graphite 01-2119486977-12	5.0 -10.0 %	231-955-3 NA	No GHS classifications apply.
471-34-1	Calcium carbonate 01-2119486795-18	5.0 -10.0 %	207-439-9 NA	No GHS classifications apply.

### Section 4. First Aid Measures

**4.1 Description of First Aid****Measures:****In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. Get medical aid immediately. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathed in, move person into fresh air.**In Case of Skin Contact:** Get medical aid if irritation develops or persists. Wash clothing before reuse. Wash off with soap and plenty of water.**In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.**In Case of Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Wash mouth out with water. Do NOT induce vomiting. Call a poison control center.**Note for the Doctor:** Treat symptomatically. Treat symptomatically and supportively. Individuals with Wilson's disease are more susceptible to chronic copper poisoning.

### Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Substance is nonflammable; use agent most appropriate to extinguish surrounding fire. Use foam, dry chemical, or carbon dioxide.
- 5.2 Flammable Properties and Hazards:** No data available.
- No data available.
- Flash Point:** > 204.4 C (> 400.00 F)
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** NA
- 5.3 Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Material will not burn. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Water reactive. Material will react with water and may release a flammable and/or toxic gas. Wear self contained breathing apparatus for fire fighting if necessary.

### Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** No data available.
- 6.3 Methods and Material For Containment and Cleaning Up:** Use proper personal protective equipment as indicated in Section 8.
- Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Provide ventilation. Vacuum or sweep up material and place into a suitable disposal container. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Do not expose spill to water. Do not get water inside containers. Do not let this chemical enter the environment. Sweep up, then place into a suitable container for disposal.
- Personal precautions.  
 Environmental precautions.  
 Do not let product enter drains.  
 Methods for cleaning up.  
 Sweep up and shovel. Keep in suitable, closed containers for disposal.

### Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Provide ventilation. Keep container tightly closed. Avoid ingestion and inhalation. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Do not allow water to get into the container because of violent reaction. Do not get in eyes, on skin, or on clothing. Do not ingest or inhale. Do not allow contact with water. Wash clothing before reuse. Normal measures for preventive fire protection.
- 7.2 Precautions To Be Taken in Storing:** Store in a cool, dry place. Keep container closed when not in use. Store protected from moisture.

## Section 8. Exposure Controls/Personal Protection

### 8.1 Exposure Parameters:

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
14807-96-6	Talcum	ACGIH TLV	TLV: 2 mg/m3 (non-asbestos)	
		OSHA PELs	PEL: 706 ppm/20 mppcf	
		Britain EH40	TWA: 1 mg/m3 ( ) STEL: ( )	
7440-50-8	Copper	ACGIH TLV	TLV: 0.2 mg/m3 (fume) 1 mg/m3	
		France VL	TWA: 0.2 mg/m3 (Fume)	
		OSHA PELs	PEL: 0.1 (fume)/ 1.0	
		Britain EH40	TWA: 0.2 mg/m3 (Fume)	
7782-42-5	Graphite	ACGIH TLV	TWA: 2 mg/m3 (resp. except fibers)	
		France VL	TWA: 2 mg/m3	
		OSHA PELs	PEL: 532.5 ppm/15 mppcf	
471-34-1	Calcium carbonate	ACGIH TLV	TLV: 10 mg/m3 (E)	
		France VL	TWA: 10 mg/m3	

### 8.2 Exposure Controls:

**8.2.1 Engineering Controls (Ventilation etc.):** Use adequate ventilation to keep airborne concentrations low. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

#### 8.2.2 Personal protection equipment:

**Personal Protective Equipment Symbols:**



**Eye Protection:**

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Safety glasses.

**Protective Gloves:**

Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:**

Wear appropriate protective clothing to minimize contact with skin.

**Respiratory Equipment (Specify Type):**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. is not required under normal operating conditions. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Work/Hygienic/Maintenance Practices:**

General industrial hygiene practice.

No data available.

**Exposure Scenarios:**

No data available.

## Section 9. Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

**Physical States:**             Gas     Liquid     Solid

**Appearance and Odor:**

Paste.  
Mild Petroleum.

Appearance: Copper.

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<b>pH:</b>	Not applicable	
<b>Melting Point:</b>	-17.8 C (0.00 F)	
<b>Boiling Point:</b>	NE	
<b>Flash Point:</b>	> 204.4 C (> 400.00 F)	
<b>Evaporation Rate:</b>	Not applicable	
<b>Saturated Vapor Concentration:</b>	Not applicable	
<b>Flammability (solid, gas):</b>	No data available.	
<b>Explosive Limits:</b>	LEL: No data.	UEL: No data.
<b>Vapor Pressure:</b>	Not applicable	
	No data.	
<b>Vapor Density (vs. Air=1):</b>	Not applicable	
<b>Specific Gravity (Water=1):</b>	1.11 at 25.0 C ( 77.0 F)	
<b>Density:</b>	9.25 at 25.0 C ( 77.0 F)	
<b>Solubility in Water:</b>	< 1	
<b>Octanol/Water Partition Coefficient:</b>	No data.	
<b>Autoignition Pt:</b>	NA	
<b>Decomposition Temperature:</b>	No data.	
<b>Viscosity:</b>	Not applicable	

### 9.2 Other Information

#### 9.2.1 Information with regard to physical hazard classes

Information with regard to primary physical hazard:

#### 9.2.2 Other safety characteristics

## Section 10. Stability and Reactivity

<b>10.1 Reactivity:</b>	No data available.
<b>10.2 Stability:</b>	Unstable [ <input type="checkbox"/> ]    Stable [ <input checked="" type="checkbox"/> ]
<b>10.3 Conditions To Avoid - Hazardous Reactions:</b>	No data available.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ <input type="checkbox"/> ]    Will not occur [ <input checked="" type="checkbox"/> ]
<b>10.4 Conditions To Avoid - Instability:</b>	Incompatible materials, dust generation, Exposure to air, Moisture, Avoid moisture.
<b>10.5 Incompatibility - Materials To Avoid:</b>	Not available. Aluminum + heat. Strong oxidizing agents, acids, Carbon dioxide, chlorine trifluoride, fluorine, Halogens, phosphorus pentoxide, calcium chloride, metallic halides, hydrofluoric acid, Hydrogen fluoride, Ethanol. Liquid copper explodes on contact with water. Reacts violently with ammonium nitrate, bromates, iodates, chlorates, ethylene oxide, hydrazoic acid, potassium dioxide, dimethyl sulfoxide + trichloroacetic acid, Hydrogen peroxide, sodium peroxide, sodium azide, Sulfuric acid, hydrogen sulfide + air,

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<b>10.6 Hazardous Decomposition or Byproducts:</b>	and lead azide. Ignites on contact with chlorine, fluorine (above 121C), and hydrazinium nitrate (above 70C). Incompatible with 1-bromo-2-propyne, and acetylenic compounds. Strong bases, chlorides, nitrates, carbon disulfide. irritating and toxic fumes and gases, silicon dioxide, oxides of sulfur, barium fume. calcium hydroxide, copper fumes. Carbon monoxide, Zinc/zinc oxides, Zinc oxide fumes.
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### Section 11. Toxicological Information

<b>11.1 Information on Toxicological Effects:</b>	Epidemiology: No information available. Teratogenicity: No information available. No information found. No data available. Teratogenicity: Experimental studies show teratogenic effects in laboratory animals.
<b>Carcinogenicity/Other Information:</b>	CAS# 14807-96-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7727-43-7: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 1305-78-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7440-50-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 7782-42-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
<b>Carcinogenicity:</b>	NTP? No    IARC Monographs? No    OSHA Regulated? No
<b>11.2 Information on other hazards:</b>	No data available.

### Section 12. Ecological Information

<b>12.1 Toxicity:</b>	Environmental: Inorganic borates are a water-soluble white powder that may, at high concentrations, cause damage to trees or vegetation by root absorption. No information reported. Physical: No information available. Other: None. No information available. Other: Do not empty into drains. Elimination information (persistence and degradability) Bioaccumulation <i>Gasterosteus aculeatus</i> - 25 h.
<b>12.2 Persistence and Degradability:</b>	No data available.
<b>12.3 Bioaccumulative Potential:</b>	No data available.
<b>12.4 Mobility in Soil:</b>	No data available.
<b>12.5 Results of PBT and vPvB assessment:</b>	No data available.
<b>12.6 Endocrine disrupting properties:</b>	No data available.
<b>12.7 Other adverse effects:</b>	No data available.

### Section 13. Disposal Considerations

**13.1 Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.  
RCRA U-Series: None listed. Product.  
Observe all federal, state, and local environmental regulations.  
Contaminated packaging.  
Dispose of as unused product.

### Section 14. Transport Information

**14.1 LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Not regulated as a hazardous material

**DOT Hazard Class:**

**UN/NA Number:**

**14.1 LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** No information available.

**14.1 LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** No information available.

**UN Number:**

**Hazard Class:**

**14.2 MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** <30 KG ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (Contains Copper), LTD QTY  
>30 KG ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (CONTAINS COPPER)

**UN Number:** UN3770

**Packing Group:** III

**Hazard Class:** 9 - CLASS 9

**Marine Pollutant:** Yes

**14.3 AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (CONTAINS COPPER) MARINE POLLUTANT

**UN Number:** UN3770

**Packing Group:** III

**Hazard Class:** 9 - CLASS 9

### Section 15. Regulatory Information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
14807-96-6	Talcum	No	No	No
7440-50-8	Copper	No	Yes NA	Yes-Cat. N100
7782-42-5	Graphite	No	No	No
471-34-1	Calcium carbonate	No	No	No

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**This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:**

- |   |  |
|---|--|
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Explosive   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Acute toxicity (any route of exposure)                       |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Flammable (gases, aerosols, liquid, or solid)     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Skin Corrosion or Irritation                                 |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Oxidizer (liquid, solid or gas)                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Serious eye damage or eye irritation                         |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-reactive                                     | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Respiratory or Skin Sensitization                            |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric (liquid or solid)                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Germ cell mutagenicity                                       |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Pyrophoric gas                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Carcinogenicity  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Self-heating                                      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Reproductive toxicity  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Organic peroxide                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Specific target organ toxicity (single or repeated exposure) |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Corrosive to metal                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Aspiration Hazard  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Gas under pressure (compressed gas)               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Simple Asphyxiant  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No In contact with water emits flammable gas         | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Health) Hazard Not Otherwise Classified (HNOC)              |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Combustible Dust                                  |  |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Physical) Hazard Not Otherwise Classified (HNOC) |  |

### 15.2 Chemical Safety

**Assessment:**

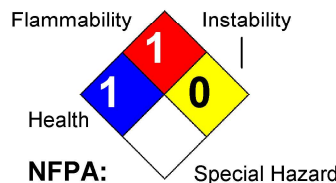
## Section 16. Other Information

**Revision Date:** 08/06/2024

**Hazard Rating System:**

HEALTH	1
FLAMMABILITY	1
PHYSICAL	0
PPE	B

**HMIS:**



**Additional Information About** No data available.

**This Product:**

**Company Policy or**

**Disclaimer:**