

SAFETY DATA SHEET

SECTION 1

PRODUCT IDENTIFICATION

PRODUCT:

Product Identifier: ConduDisc®
Product Description: Utility Pole Ground Plate
Recommended Use: Earthing / Grounding

SECTION 2

HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

Not classified for physical or health hazards under GHS

LABELLING:

SYMBOLS: None	
Signal Word: None	
Hazard Statements: <ul style="list-style-type: none"> Not applicable 	Precautionary Statements: <ul style="list-style-type: none"> Observe good industrial hygiene practices This product is considered inert and is not hazardous
Trade Secret: A trade secret is being claimed for a specific chemical identity and exact percentages.	

SECTION 3

COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Wt. %
Calcined Petroleum Coke	64743-05-1	40 – 80
Proprietary Styrene Butadiene Polymer	00000-00-0	1 – 15
Portland Cement	65997-15-1	1 – 5
Deionized Water	7732-18-5	1 – 15
Non-Hazardous Components are Proprietary		

SECTION 4 FIRST AID MEASURES

EYE:	Rinse or flush exposed eye gently using water. Remove contact lenses, if present, while rinsing. If irritation persists or you are concerned seek medical attention.
SKIN:	Not applicable.
INHALATION:	Not applicable.
INGESTION:	Rinse mouth. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention if irritation persists or if concerned.

Most Important Symptoms and Effects, both Acute and Delayed:
Not applicable.

Indication of any Immediate Medical Attention and Special Treatment Needed:
If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT:	Carbonic matter: May burn if exposed to temperatures above 1290 °F (700 °C).
EXTINGUISHING MEDIA:	Use extinguishing media appropriate to the surrounding fire conditions. Water Fog, Dry Chemical, Foam, or Carbon Dioxide.
SPECIAL HAZARDS:	Products of combustion may contain carbon monoxide, carbon dioxide and sulfur dioxide. Fire fighters should wear self-contained breathing apparatus and full protective clothing as normal.
EXPLOSION DATA:	Not applicable.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:	Not applicable.
ENVIRONMENTAL PRECAUTIONS:	Not applicable.
METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:	Use normal housekeeping procedures. Material can be picked up by sweeping, shoveling, or vacuuming.
REFERENCE TO OTHER SECTIONS:	See Section 8 for information on selection of personal protective equipment.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	The ConduDisc® may be damaged by rough handling.
CONDITIONS FOR SAFE STORAGE:	Store in a dry, well-ventilated area, out of the elements. Protect from physical damage or significant water exposure.

SECTION 8

EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS:	No applicable occupational exposure limits.
EXPOSURE CONTROLS:	
Engineering Controls:	Handle in accordance with good industrial hygiene and safety practices.
Personal Protection:	Workers must comply with the Personal Protective Equipment requirements of the workplace in which this product is handled.
Eye/Face Protection:	Not required under normal conditions of use. When installing the ConduDisc® wear approved safety glasses.
Skin Protection:	Not required under normal conditions of use.
Respiratory Protection:	Not required under normal conditions of use.
Other Protection:	Perform routine housekeeping. Do not eat, drink or smoke where this material is handled, stored and processed. Wash hands thoroughly before eating, drinking and smoking.

SECTION 9

PHYSICAL / CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Solid; black
Odour:	Odourless
Odour Threshold:	Not applicable
pH:	Not applicable
Melting point/Freezing point:	Not applicable
Initial Boiling Point and boiling range:	Not applicable
Flash point:	Not applicable
Flammability:	Not flammable or combustible
Auto-ignition temperature:	>1290 °F, >700 °C
Upper/lower flammability or explosive limits:	Not applicable
Explosive properties:	Not applicable
Oxidizing properties:	Not applicable
Sensitivity to mechanical impact:	Not applicable
Sensitivity to static discharge:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Density:	111 lbs./ft ³ , 1778 kg/m ³
Solubility:	Not applicable
Partition coefficient (n-octanol/water):	Not applicable
Decomposition temperature:	>2400 °F, >1316 °C
Viscosity:	Not applicable

SECTION 10

STABILITY AND RELIABILITY

REACTIVITY:	Non-reactive under normal conditions.
CHEMICAL STABILITY:	Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:	None known.
CONDITIONS TO AVOID:	Avoid contact with incompatible materials.
INCOMPATIBLE MATERIALS:	Oxidants – Incompatible with strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	In normal combustion, carbon oxides and sulfur oxides will be released.

SECTION 11

TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE:	The ConduDisc® is inert and insoluble, and is not expected to present an ingestion hazard, or other toxicity hazard.
ACUTE TOXICITY DATA:	Not classified.
CHRONIC TOXICITY:	Not applicable
Respiratory and/or Skin Sensitization:	Not known to be a respiratory or skin sensitizer.
Germ Cell Mutagenicity:	Not available.
Reproductive Effects:	Not available.
Developmental Effects:	Not available.
Carcinogenicity:	Not available.
Interactions with Other Chemicals:	Not available.

SECTION 12

ECOLOGICAL INFORMATION

TOXICITY	The ConduDisc® is inert and insoluble. It does not present any environmental hazards and is not a hazard to aquatic organisms.
PERSISTENCE AND DEGRADABILITY:	Non-biodegradable. The ConduDisc® is stable, unreactive in water under ambient conditions, and is insoluble.
BIOACCUMULATION POTENTIAL:	Low bioaccumulation potential as negligible water solubility restricts route of exposure to the aquatic environment.
MOBILITY IN SOIL:	Mobility is insignificant due to negligible water solubility and vapour pressure. May incorporate within soil for extended periods of time.
OTHER ADVERSE EFFECTS:	Not available

SECTION 13

DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:	Reuse or recycle packaging whenever possible to minimize the generation of waste. All Federal, Provincial, and Local regulations regarding health and pollution must be followed for disposal.
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SECTION 14

TRANSPORT INFORMATION

This product is not classified as a Hazardous Material under U.S. DOT or Canadian TDG regulations. This material is not classified as dangerous under ADR, RID, ADN, IMDG and IATA regulations.

SECTION 15

REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

USA

TSCA STATUS: Substances are listed on the TSCA inventory or are exempt.

CANADA

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the SDS contains all the information required by the *Controlled Products Regulations*.

NSNR Status: Substances are listed on the DSL or are exempt.

RCRA: If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as hazardous waste.

SECTION 16

OTHER INFORMATION

Revision Date:

July 31, 2019.

Additional Information:

This safety data sheet is believed to provide a useful summary of the hazards of ConduDisc® as it is commonly used, but cannot anticipate and provide all of the information that might be needed in every situation.

The information provided herein was believed by Earthing Services UK Ltd. to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information to comply with all laws and procedures applicable to the safe handling and use of product and to determine the suitability of the product for its intended use.