



SAFETY DATA SHEET

DuraTrax Lava Warning Track

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union standards

1. PRODUCT IDENTIFICATION

TRADE NAME (AS LABELED): DuraTrax Lava Warning Track
SYNONYMS: None known
PRODUCT (SDS) NUMBERS:
MANUFACTURER'S NAME: DuraEdge Products, Inc.
ADDRESS: 149 S. Broad St., Grove City, PA 16127
BUSINESS PHONE: (866) 867-4250
EMERGENCY PHONE: (724) 530-2298
DATE OF PREPARATION: November 23, 2021
CURRENT REVISION DATE: New

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description: This product is a small crushed lava rock (solid) made up of naturally occurring materials.
Health Hazards: Prolonged contact may cause irritation to skin. Direct contact may cause irritation to eyes.
Flammability Hazards: Non-Flammable product.
Reactivity Hazards: None.
Environmental Hazards: Not expected to have significant environmental effects.
Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS

CANADA (WHMIS) SYMBOLS

EUROPEAN and (GHS) Hazard Symbols

Non-Regulated Material

Complies with WHMIS 2015



Signal Word: Warning!

GHS LABELING AND CLASSIFICATION:

CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:

This product does not meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910. 1200 AND the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

Components Determining Hazards:

All Ingredients

GHS Hazard Classification(s):

Skin Irritant Category 2

Eye Irritant Category 2

Hazard Statement(s):

H315: Causes skin irritation

H319: Causes eye irritation

Response Statement(s):

P332+P313: If skin irritation occurs: Get medical advice/attention

P337+P313: If eye irritation persists: Get medical advice/attention

Precautionary Statement(s):

P264: Wash hands thoroughly after handling

P280: Wear protective gloves/protective clothing/eye protection/face protection

Storage Statement(s):

None known

Disposal Statement(s):

P501: Dispose of contents/container in accordance with local/regional/national/international regulations

OTHER KNOWN HAZARDS:

This mixture has not been tested to the criteria for PBT or vPvB in accordance with Annex VI.

No other hazards known

HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE: Prolonged or repeated contact may cause mechanical irritation to skin. Contact with eyes can cause moderate irritation. Inhalation of dust may cause respiratory irritation. Ingestion of this product may cause irritation of the gastrointestinal system.



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CHRONIC: None known

TARGET ORGANS: ACUTE: Eye, Skin, Respiratory System

CHRONIC: None known

3. COMPOSITION and INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS #	EINECS #	ICSC #	WT %	GHS HAZARD CLASSIFICATION(S):
Volcanic Rock (Scoria)	Not Assigned	Not Listed in EINECS	Not Listed	>99%	H315: Skin Irritant Cat. 2, H319: Eye Irritant Cat 2
Other Naturally Occurring Minerals*	See Note Below	Various	Not Listed	0 – 1%	Not Classified
Each of the other components present are less 0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers, and mutagens)					

NOTE: * NOTE: Elements such as aluminum, arsenic, boron, calcium, chromium, cobalt, copper, lead, molybdenum, nickel, tin, titanium, vanadium, and zirconium may be present in trace amounts.

This product has been classified in accordance with the hazard criteria of OSHA 29CFR1910.1200 and the SDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250: 2000.

4. FIRST-AID MEASURES

Contaminated individuals of chemical exposure must be taken for medical attention if any adverse effect occurs. Rescuers should be taken for medical attention, if necessary. Take copy of label and SDS to health professional with contaminated individual.

EYE CONTACT: If product is in eyes, open victim's eyes while under gentle running water. Use sufficient force to open eyelids. Minimum flushing is for 15 minutes. Remove contact lenses, if worn. Seek medical attention if irritation persists.

SKIN CONTACT: Wash contacted area with soap and water. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Seek medical attention if irritation develops and persists.

INHALATION: If dust is inhaled, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

INGESTION: Routine use of this product is not expected to cause any situation which could lead to ingestion. If this product is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, do not induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or unable to swallow.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Individuals with chronic respiratory disorders may be adversely affected by any airborne particulate exposure.

RECOMMENDATIONS TO PHYSICIANS: Treat symptoms and eliminate overexposure.

5. FIRE-FIGHTING MEASURES

FLASH POINT: Not Applicable

AUTOIGNITION TEMPERATURE: Not Applicable

FLAMMABLE LIMITS (in air by volume, %): Lower NE Upper NE

FIRE EXTINGUISHING MATERIALS: Carbon dioxide, foam, dry chemical, halon, water fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product does not pose a fire or explosion hazard. Care should be taken to avoid dust generation.

Explosion Sensitivity to Mechanical Impact: Not Sensitive

Explosion Sensitivity to Static Discharge: Not Sensitive

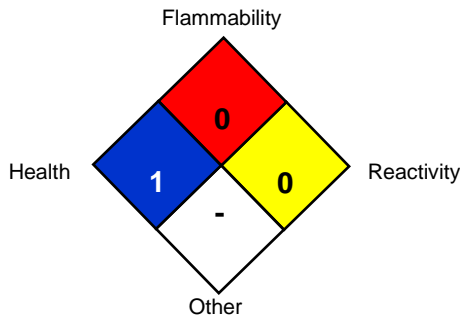
SPECIAL FIRE-FIGHTING PROCEDURES: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.



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NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)	1		
FLAMMABILITY HAZARD (RED)	0		
PHYSICAL HAZARD (YELLOW)	0		
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Proper protective equipment should be used.

SPILLS: Contain spill if safe to do so. Vacuum cleaning is the preferred method for the dry fine materials. Avoid dry sweeping which creates dust. Reclaim or recycle material when possible. Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

7. HANDLING and STORAGE

WORK PRACTICES AND HYGIENE PRACTICES: Wash thoroughly after handling this product. Use in a well-ventilated location. Remove contaminated clothing. Avoid breathing dust.

STORAGE AND HANDLING PRACTICES: Always use safe practices and avoid dust generation.

8. EXPOSURE CONTROLS - PERSONAL PROTECTION

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided below. Use local exhaust ventilation.

EXPOSURE LIMITS/GUIDELINES:

Chemical Name	CAS#	ACGIH TWA	OSHA TWA	WEEL
Volcanic Rock (Scoria)	Not Assigned	10 mg/m ³	15 mg/m ³	15 mg/m ³

Currently, International exposure limits are not established for the components of this product. Please check with competent authority in each country for the most recent limits in place.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

RESPIRATORY PROTECTION: May be required if not able to maintain exposure levels. If exposure limits are exceeded, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, the European Standard EN149, or EU member states.

EYE PROTECTION: Recommended for normal handling and use. If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166, Australian Standards, or relevant Japanese Standards.

HAND PROTECTION: Chemical resistant gloves should be worn for normal handling and use. If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.



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BODY PROTECTION: Wear as appropriate for the application. If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian Standards, or relevant Japanese Standards. If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

9. PHYSICAL and CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE (Physical State) and COLOR:

This product is a small crushed lava rock solid made up of naturally occurring materials.

ODOR:

Not Available

ODOR THRESHOLD:

Not Established

pH:

Not Available

MELTING/FREEZING POINT:

Not Available

BOILING POINT:

Not Available

FLASH POINT:

Not Applicable

EVAPORATION RATE (n-BuAc=1):

Not Applicable

FLAMMABILITY (SOLID, GAS):

Not Applicable

UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:

Not Applicable

VAPOR PRESSURE (mm Hg @ 20°C (68°F):

Not Applicable

VAPOR DENSITY:

Not Applicable

RELATIVE DENSITY:

Not Available

SPECIFIC GRAVITY:

Not Available

SOLUBILITY IN WATER:

Non-Soluble

WEIGHT PER GALLON:

Not Available

PARTITION COEFFICIENT (n-octanol/water):

Not Applicable

AUTO-IGNITION TEMPERATURE:

Not Applicable

DECOMPOSITION TEMPERATURE:

Not Applicable

VISCOSITY:

Not Available

VOC:

Not Applicable

OTHER INFORMATION:

Not Applicable

No additional information available at this time.

10. STABILITY and REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage

DECOMPOSITION PRODUCTS: Silica containing respirable dust particles may be generated when handling.

MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE: None known

HAZARDOUS DEPOLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Dust generation.

11. TOXICOLOGICAL INFORMATION

TOXICITY DATA:

Chemical Name	CAS#	Oral LD50	Dermal LD50	Inhalation LC50
Volcanic Rock (Scoria)	Not Assigned	No Data Found	No Data Found	No Data Found
Acute Toxicity	Based on available data, the classification criteria are not met			
Skin Corrosion / Irritation	Skin Irritant Category 2			
Serious Eye Damage / Irritation	Eye Irritant Category 2			
Respiratory or Skin Sensitization	Based on available data, the classification criteria are not met			
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met			
Carcinogenicity	Based on available data, the classification criteria are not met			
Reproductive Toxicity	Based on available data, the classification criteria are not met			
STOT – Single Exposure	Based on available data, the classification criteria are not met			
STOT – Repeated Exposure	Based on available data, the classification criteria are not met			
Aspiration Hazard	Based on available data, the classification criteria are not met			



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HEALTH HAZARDS OR RISKS FROM EXPOSURE:

ACUTE:

EYE CONTACT: Eye contact may cause irritation.

SKIN CONTACT: Prolonged or repeated skin contact may produce mechanical irritation.

INHALATION HAZARDS: Inhalation of dust may cause irritation.

INGESTION HAZARDS: Not Expected to be a normal route of exposure.

CHRONIC: None known

TARGET ORGANS: **ACUTE:** Eye, Respiratory System, Skin **CHRONIC:** None known

SUSPECTED CANCER AGENT None of the ingredients within this product are found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, or suspected to be, cancer-causing agents by these agencies.

IRRITANCY OF PRODUCT: Contact with this product can be irritating to exposed skin and eyes.

SENSITIZATION OF PRODUCT: This product is not considered a skin or respiratory sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No information concerning the effects of this product and its components on the human reproductive system.

Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans.

Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans.

Teratogenicity: The components of this product are not reported to produce teratogenicity effects in humans

Reproductive Toxicity: The components of this product are not reported to produce reproductive effects in humans

12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

TOXICITY:

No specific data available on this product.

PERSISTENCE AND DEGRADABILITY:

No specific data available on this product.

BIOACCUMULATIVE POTENTIAL:

No specific data available on this product

MOBILITY IN SOIL:

No specific data available on this product.

RESULTS OF PBT AND vPvB ASSESSMENT:

No specific data available on this product.

OTHER ADVERSE EFFECTS:

None known

WATER ENDANGERMENT CLASS:

There are no ecotoxicological assessments for this product.

13. DISPOSAL CONSIDERATIONS

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada, Australia, EU Member States and Japan.

14. TRANSPORTATION INFORMATION

US DOT; IATA; IMO; ADR:

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Non-Regulated Material

HAZARD CLASS NUMBER and DESCRIPTION: None

UN IDENTIFICATION NUMBER: None

PACKING GROUP: None

DOT LABEL(S) REQUIRED: None

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER (2004): None

MARINE POLLUTANT: None of the ingredients are classified by the DOT as a Marine Pollutant (as defined by 49 CFR 172.101, Appendix B)

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This product is not classified as Dangerous Goods, per regulations of Transport Canada.



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INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): This product is not classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION: This product is not classified as Dangerous Goods by the International Maritime Organization.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods

15. REGULATORY INFORMATION

UNITED STATES REGULATIONS:

SARA REPORTING REQUIREMENTS MARINE POLLUTANT

None Known

This product contains no component listed as a Marine Pollutant under 49 CFR 172.101, Appendix B.

TSCA

All components in this product mixture are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312: Acute Health: Yes; Chronic Health: Yes; Fire: No; Reactivity: No

U.S. CERCLA REPORTABLE QUANTITY (RQ): None

U.S. TSCA INVENTORY STATUS: All of the components of this product are not listed in the TSCA Inventory.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain components above the 0.1% level which is listed as a California Proposition 65 chemical.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: Not all of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Complies with WHMIS 2015

EUROPEAN ECONOMIC COMMUNITY INFORMATION: See Section 2 for Details

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: Not all components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.

16. OTHER INFORMATION

ABBREVIATIONS AND ACRONYMS:

EPA: United States Environmental Protection Agency

ARD: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PREPARED BY: Paul Eigbrett

GHS MSDS Compliance PLUS

DATE OF PRINTING: November 23, 2021

(585) 490-9079

DISCLAIMER: This Safety Data Sheet (SDS) applies only to the material as packaged. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, DuraEdge Products, Inc assumes no responsibility for the completeness or accuracy of the information contained herein. Users must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and protection of the environment

End of SDS sheet