

SAFETY DATA SHEET

GREEN-DURA

SDS DATE: 10/05/2020

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GREEN-DURA
DISTRIBUTOR: Exacto Inc.
ADDRESS: 200 Old Factory Road, Sharon WI 53585
PHONE: (262) 456-5200
EMERGENCY CHEMTREC PHONE: US & CANADA: 1-800-424-9300

CHEMICAL NAME: Proprietary mixture
CHEMICAL FAMILY: Liquid pigment
CHEMICAL FORMULA: Mixture

PRODUCT USE: Turf paint

SECTION 1 NOTES: None

SECTION 2: HAZARDS

GHS Ratings:

Toxicity Categories
NONE

Signal Word: NONE

GHS HAZARDS

NOT REGULATED

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part

1910.1200: This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard (29CFR 1910.1200)

PRECAUTIONS

P102 Keep out of reach of children.
P103 Read label before use.
P210 Keep away from heat – No smoking.
P233 Keep container tightly closed.
P234 Keep only in original container.
P261 Avoid breathing spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves, protective clothing, eye protection.

SECTION 3: INFORMATION ON INGREDIENTS

INGREDIENT

CAS NO.

% WT

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200: This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard (29CFR 1910.1200)

NOTE: Product does NOT contain any pesticides or pest control agents.

SECTION 3 NOTES: These specific chemical identities and or exact percentage (concentration) of composition have been withheld as a trade secret.

This product contains carbon black. In its original dry powder form, carbon black is known to cause respiratory issues and suspected of causing cancer in animals if inhaled. As an aqueous dispersion, it is not expected to be an inhalation hazard under normal use. The customer is responsible for using proper personal protective equipment when using this product and understanding their requirements under OSHA based on their use of this product.

CARCINOGENICITY **OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **OTHER:** No

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SECTION 4: FIRST AID MEASURES

Have the product container with you if calling a poison control center or doctor, or going for treatment.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, after the first 5 minutes, then continue cautiously rinsing eye.

IF ON SKIN OR CLOTHING: Take off contaminated clothing and wash it before reuse. Wash skin with plenty of soap and water for several minutes.

IF SWALLOWED: Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. DO NOT induce vomiting.

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES: None

SECTION 5: FIRE FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0 OTHER: -

IN CASE OF FIRE: In case of fire: Use Foam, Dry Chemical, CO2, Water Spray to extinguish. Keep away from heat, sparks, open flames or hot surfaces- NO SMOKING.

SPECIAL FIRE FIGHTING PROCEDURES: Use alcohol-type or universal-type foams on larger fires. Smaller fires should be extinguished with carbon dioxide or dry chemical. Do not use water or foam directly on the fire. Use self-contained breathing apparatus with fighting any fire in an enclosed area.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Hazardous combustion products: Not Available
Explosive properties: Not Available
Oxidizing properties: Not Available

HAZARDOUS DECOMPOSITION PRODUCTS: Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 5 NOTES: Move undamaged containers from immediate hazard area if it can be done safely.

Do not expose to temperatures above 300°C. Hazardous products of combustion can include carbon monoxide, carbon dioxide, oxides of sulfur, and organic products.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Surround and absorb all spills to prevent material damage. Material should be collected and disposed in proper manner. Dike the area to prevent spill from spreading. Spilled material should be absorbed onto an inert material and scooped up. Soak up spill with a suitable absorbent. Sweep up absorbed material and place in a chemical waste container for disposal. Wear suitable protective equipment.

SECTION 6 NOTES: None

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SECTION 7: HANDLING AND STORAGE

HANDLING Keep out of reach of children. Read label before use. Keep away from heat, sparks, open flames or hot surfaces – No smoking. Keep container tightly closed. Keep only in original container. Avoid breathing dust, fume, gas, mist, vapors or spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, eye protection and face protection.

STORAGE: Store in a cool well-ventilated place. Keep in original container tightly closed. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. STORE BETWEEN 40° AND 90° F.

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

	OSHA		ACGIH		NIOSH	
	Long term mg/m3	STEL	Long term	STEL	PEL	STEL
Vegetable Carbon	3.5		3			

HMIS=B
VENTILATION: Normal room ventilation (mechanical) or outdoor use should be satisfactory.

RESPIRATORY PROTECTION: Wear a NIOSH/OSHA approved respirator, approved for use with propionic acid, if necessary.

EYE PROTECTION: Safety glasses.



SKIN PROTECTION: Chemical gloves, long-sleeved shirts and pants.



OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash and safety shower should be easily accessible.

WORK HYGIENIC PRACTICES: Wash thoroughly with soap and water after handling product and before eating, drinking, or using tobacco products. Clean affected clothing, shoes, and protective equipment before reuse.

EXPOSURE GUIDELINES: If exposed, see section 4 for acute exposure first aid.

SECTION 8 NOTES: Vegetable carbon is a confirmed animal carcinogen with unknown relevance to humans; bronchitis; (In dry form only)

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Liquid	FLAMMABLE LIMITS IN AIR, UPPER: Unknown (% BY VOLUME)	LOWER: Unknown
ODOR:	Not Known	VAPOR PRESSURE (mmHg):	@ Unknown F: Unknown C: Unknown
ORDER THRESHOLD:	Not known	VAPOR DENSITY (AIR = 1):	@ Unknown F: Unknown C: Unknown
PHYSICAL STATE:	Liquid	RELATIVE DENSITY:	Unknown
pH AS SUPPLIED:	8.0	EVAPORATION RATE:	Unknown
pH (Other):	Not available	BASIS (butyl acetate=1):	
INITIAL BOILING POINT:	F: Unknown C: Unknown	SOLUBILITY IN WATER:	Dispersible
BOILING POINT RANGE:	F: Unknown C: Unknown	PARTITION COEFFICIENT: (n-octanol/water):	Unknown
MELTING POINT:	F: Unknown C: Unknown	AUTO-IGNITION TEMPERATURE:	Unknown
FREEZING POINT:	F: Unknown C: Unknown	DECOMPOSITION TEMPERATURE:	Unknown
FLASH POINT:	F: >212 C: >100	VISCOSITY:	@ Unknown F: Unknown C: Unknown
METHOD USED:	PMCC	CORROSIVITY:	Not corrosive to metal by ASTM G31-72
FLAMMABILITY (solid, gas):	Not available		

SECTION 9 NOTES: VALUES ARE NOT PRODUCT SPECIFICATIONS.

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable Unstable

CONDITIONS TO AVOID (STABILITY): None known

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid strong oxidizing agents, peroxides, acids, alkali metals.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Burning produces carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES: None

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: MIXTURE TOXICITY

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

COMPONENT TOXICITY

SECTION 11 NOTES:

This product contains carbon black. In its original dry powder form, carbon black is known to cause respiratory issues and cancer in animals. As an aqueous dispersion, it is not expected to be an inhalation hazard under normal use. The customer is

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responsible for using proper personal protective equipment when using this product and understanding their requirements under OSHA based on their use of this product. See section 15

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not available
ECOTOXICITY: Not available
BIOACCUMULATIVE POTENTIAL: Vegetable Carbon is NOT biodegradable
MOBILITY IN SOIL: Not available
OTHER ADVERSE EFFECTS: Not available
SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations.
CONTAINER DISPOSAL: Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations.
RCRA HAZARD CLASS: None
SECTION 13 NOTES: None

SECTION 14: TRANSPORT INFORMATION

Not regulated

SECTION 14 NOTES: None

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SECTION 15: REGULATORY INFORMATION

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory-	Complies
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List-	Complies
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances-	Complies
ENCS - Japan Existing and New Chemical Substances	Complies
IECSC - China Inventory of Existing Chemical Substances	Complies
KECL - Korean Existing and Evaluated Chemical Substances	Complies
PICCS - Philippines Inventory of Chemicals and Chemical Substances	Complies
AICS - Australian Inventory of Chemical Substances	Complies
NZIoC - New Zealand Inventory of Chemicals	Complies
TCSI - Taiwan Chemical Substance Inventory	Complies
OTHER AGENCIES: None	

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All the components are listed on the TSCA inventory
TSCA Listed substances:

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Regulated

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Regulated

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

USA-State Regulations: California Prop 65 Vegetable Carbon listed as a carcinogen
Massachusetts Right to know – Vegetable Carbon
Pennsylvania Right to know – Vegetable Carbon
New Jersey Right to know – Vegetable Carbon

INTERNATIONAL REGULATIONS: **DSL-list (Canada)**
This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR.

SECTION 15 NOTES: This product contains a chemical that is on the Proposition 65 list of chemicals known to the State of California to cause cancer (carbon black). However, a Proposition 65 warning is required for carbon black only when it is present in the form of airborne, unbound particles of respirable size (mass median aerodynamic diameter 10 microns or smaller). Per the State of California, exposure to carbon black for the purposes of Proposition 65 does not occur when it remains bound within a product matrix, such as rubber, ink or paint (http://www.oehha.org/prop65/prop65_list/files/22103not.pdf). Because the carbon black contained in this product is bound within a liquid dispersion matrix, a Proposition 65 warning is not applicable to this product in its supplied form. The customer is responsible for determining whether its use of this product could result in exposure of any person(s) to airborne, unbound carbon black particles of respirable size and for providing any required Proposition 65 warning to any such person(s).

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

DISCLAIMER:

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.