



ENDURANT FLEX

1 PRODUCT AND COMPANY IDENTIFICATION

Supplier Details: Geoponics Corporation
 3415 RADIO RD
 NAPLES, FL 34104

Contact: GEOPONICS CORP.
Phone: 239-261-6500

Emergency: CHEMTREC: 800-424-9300

2 HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
 No GHS Classifications Indicated

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **NONE**

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

No GHS hazards statements indicated

GHS Precautionary Statements:

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P281 - Use personal protective equipment as required.
- P308+313 - IF exposed or concerned: Get medical advice/ attention.
- P405 - Store locked up.
- P501 - Dispose of contents/ container to an approved waste disposal plant.

3 COMPOSITION/INFORMATION OF INGREDIENTS

CAS#	Chemical Ingredients: % Chemical Name:
7732-18-5	30-50% water
1328-53-6	30-50% C.I. Pigment Green 7
1339-82-8	10-20% C.I. Pigment Black 8

4 FIRST AID MEASURES

Inhalation: If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. Give oxygen or artificial respiration if needed. Seek medical attention if needed.

Skin Contact: Promptly flush skin with water until all chemical is removed. Get medical attention if needed. Remove contaminated clothing and wash before reuse.

Eye Contact: Wash with soap and water. Flush with large amounts of water. Get immediate medical attention.

Ingestion: Seek immediate medical attention

5 FIRE FIGHTING MEASURES

Flash Point: >212
 Dry powder, foam, carbon dioxide. Wear self contained breathing apparatus and other protective clothing.



ENDURANT FLEX

6

ACCIDENTAL RELEASE MEASURES

Do not discharge into drains. Flush area with warm soapy water.

Keep away from drains and ground water. Pick up excess with inert absorbant material and place into separate waste container. Sweep up, place in bag and hold for waste disposal.

7

HANDLING AND STORAGE

Handling Precautions:

Avoid breathing vapors or mist. Avoid contact with eyes, skin, or clothing. Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep material out of reach of children. Launder contaminated clothing. Use approved containers only.

Wash clothing before reuse and decontaminate or discard contaminated shoes. Wash thoroughly after handling.



ENDURANT FLEX

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment:

Water cas#:(7732-18-5) [30-50%]

Personal protective equipment

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min
Material tested: Dermatril (KCL 740 / Aldrich Z677272, Size M)

Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min
Material tested: Dermatril (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Respiratory protection: No special protective equipment required.

Control of environmental exposure: Prevent product from entering drains.

Carbon black cas#:(1333-86-4) [10-20%]

Personal protective equipment

Eye/face protection: Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min
Material tested: Dermatril (KCL 740 / Aldrich Z677272, Size M)

Splash contact: Material: Nitrile rubber Minimum layer thickness: 0.11 mm Break through time: 480 min
Material tested: Dermatril (KCL 740 / Aldrich Z677272, Size M) data source: KCL GmbH, D-36124 Eichenzell, phone +49 (0)6659 87300, e-mail sales@kcl.de, test method: EN374 If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection: impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product



ENDURANT FLEX

enter drains.

Water cas#:(7732-18-5) [30-50%]

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid Dark Green to Black	Odor:	Slight Latex Odor
Physical State:	Liquid	Solubility:	Dispersable
Spec Grav./Density:	8.9		
Viscosity:	400-600 cps		

10 STABILITY AND REACTIVITY

Reactivity:	No Data
Chemical Stability:	Stable under normal conditions
Conditions to Avoid:	Freezing temperatures, Extreme heat
Materials to Avoid:	Strong Oxidizing Agents
Hazardous Decomposition:	Combustion may produce carbon dioxide and possibly toxic chemicals such as carbon monoxide.



ENDURANT FLEX

11

TOXICOLOGICAL INFORMATION

Water cas#:(7732-18-5) [30-50%]

Information on toxicological effects

Acute toxicity: no data available

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: ZC0110000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.



ENDURANT FLEX

12 ECOLOGICAL INFORMATION

Water cas#:(7732-18-5) [30-50%]

Information on ecological effects

Toxicity: no data available

Persistence and degradability: not applicable

Bioaccumulative potential: no data available

Mobility in soil: no data available

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: no data available

13 DISPOSAL CONSIDERATIONS

Water cas#:(7732-18-5) [30-50%]

Waste treatment methods

Product: Taking into account local regulations the product may be disposed of as waste water after neutralisation.

14 TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight.

15 REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[30-50%] Water (7732-18-5)

[30-50%] C.I. Pigment Green 7 (1328-53-6)

[10-20%] C.I. Pigment Black 8 (1339-82-8)

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Regulatory Code Legend



SDS

GHS Safety Data Sheet

Geonics Corporation

ENDURANT FLEX

16

OTHER INFORMATION

Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

The above information is not claiming characteristics of the product in term of legal claims of performance / guarantee. This information only describes safety measures and no liability may arise from the use or application of the product described herein. This information is given in good faith and based on our current knowledge of the product.

Revision Date: 8/20/2020