



DRAGO® WRAP SOIL GAS RETARDER SAFETY DATA SHEET

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Revision Date: April 15, 2025 | Date of Issue: July 7, 2021 | Version Number: 2.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Name: Drago Wrap Soil Gas Retarder

Intended Use of the Product

Under-slab and below-grade soil gas and water vapor retarder

Company Name, Address, and Telephone of the Responsible Party

Stego Industries, LLC
216 Avenida Fabricante #101
San Clemente, CA 92672 USA
P: (877) 464-7834

Emergency Telephone Number

Emergency Number: 1 (800) 424-9300 (24 Hrs.) CHEMTREC

SECTION 2: HAZARDS IDENTIFICATION

Potential Health Effects:

Hazard Information: None as defined under OSHA Hazard Communication Standard: 29 CFR Part 1910.1200.

GHS Classification: Not classified/not a dangerous substance per Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

GHS Labeling: No Label elements required/not a dangerous substance per Globally Harmonized System of Classification and Labeling of chemicals (GHS).

Inhalation: Inhalation of this product is not a likely route of exposure at room temperature. In the case of critical situations (i.e. fire, overheating, or combustion) excessive inhalation of fumes may result in respiratory irritation.

Skin: This product is not likely to be hazardous by skin contact under recommended conditions of use. Molten product may cause thermal burns.

Eyes: This product is not likely to be an eye irritant under recommended conditions of use. Mechanical irritation is possible, but unlikely under recommended conditions of use. Molten product may cause thermal burns.

Ingestion: Ingestion of this product is not a likely route of exposure.

Carcinogenicity: These components are not considered to be hazardous chemicals per OSHA Hazard Communication Standard: 29 CFR Part 1910.1200. No Ingredient of this product present at levels greater than or equal to 0.1 % is identified as probable, possible or confirmed human carcinogen by IARC. No ingredient of this product present at levels greater than or equal 0.1% is identified as a known or anticipated carcinogen by NTP. No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterization: Polyolefins and additives. *

Description: Film made of polyolefins. **

Mixture:

Chemical Characters: Polyolefin and additives.

Hazard Information: The material is not expected to be classified as hazardous.

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SECTION 4: FIRST AID MEASURES

The following first aid recommendations assume that appropriate personal and industrial hygiene practices are followed.

If Inhaled: This material is not likely to be hazardous by inhalation. At room temperature, the material is neither an irritant nor gives off hazardous vapor. In case of excessive inhalation of fumes due to critical situations (fire, etc.) move the person to fresh air. If symptoms persist, contact a physician.

In Case of Skin Contact: This material is not likely to be hazardous by skin contact. If molten material contacts skin, quickly cool in water, seek immediate medical attention. Do not try to peel solidified material from the skin or use solvents or thinners to dissolve it.

In Case of Eye Contact: Not likely to be an eye hazard in present form. In the case of physical contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of exposure to excessive fumes due to critical situations (fire, etc.) move the person to fresh air. If symptoms persist, contact a physician.

If Swallowed: This material is not likely to be ingested in present form. Do not induce vomiting. Seek medical advice.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water, Water Mist, Dry Chemical, Carbon Dioxide, and Foam. If possible water should be applied as a spray from a fogging nozzle since this is a surface burning material. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific Hazards During Fire Fighting: In its normal form, this product offers no unusual explosion hazards. See Hazardous Decomposition Products below.

Special Protective Equipment and Precaution for Fire Fighters: Use personal protective equipment. Wear self-contained breathing apparatus and chemical protective clothing for firefighting, if necessary.

Hazardous Decomposition Products: Normal combustion forms carbon dioxide, water vapor and may produce carbon monoxide, incomplete combustion products, other hydrocarbons, and hydrocarbon oxidation products depending on temperature and air availability.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Collect spilled material. Danger of slipping on spilled product.

Environmental Precautions: No special measures required. Prevent product from entering drains.

Methods and Materials for Containment and Cleaning Up: Clean up promptly by physical collection, sweeping or vacuum. Recycle product or dispose of properly.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Good personal hygiene practices and employ good housekeeping. Always wash hands after handling the product. When handled in bulk quantities, this product and its associated packaging may present a crushing hazard due to the large masses involved, possibly resulting in severe injury or death. Take precautionary measures against static electricity. Minimize dust generation.

Precautions for Safe Storage: Keep in a cool, dry, well ventilated environment. Product should not be stored in excessive cold, direct sunlight or temperatures exceeding 90°F. Compliance of this policy should ensure optimum performance of this product. Store in accordance with local regulations. Materials should be stored away from heat, sources of ignition, direct sunlight, oxidizing agents and other incompatible materials. Treat as a solid that can burn.

Please review the remainder of the SDS and this wrap's technical data sheet for storage and additional information. If any of the conditions cited above pose a problem for the typical installation of Drago Wrap, please contact Stego Industries for additional information and solutions.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Ventilate area to prevent accumulation of dust and fumes. Use local exhaust ventilation when routinely heat sealing this product. Ensure good ventilation at the workplace.

Exposure Limits: No applicable exposure limits available for product or components.

Personal Protection: Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material is offered only based on our understanding of normal usage. User's selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the hazards and/or potential hazards that may be encountered during use.

Respiratory Protection: With proper Engineering Controls in place, no respiratory protection should be required.

Eye Protection: Use of safety glasses with side shields is good industrial practice. If contact is likely, safety glasses with side shields are recommended.

Skin Protection: Risk of skin irritation is not likely. If irritation occurs or is of concern wear disposable, protective gloves while handling this material.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, using tobacco products, or using toilet facilities. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping. Materials spilled on hard surface can be a serious slipping/falling hazard. Use care in walking on spilled material.

Environmental Controls: Comply with applicable environment regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

Occupational Exposure Limits: Consult local authorities for acceptable exposure limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

General Physical Form: Solid plastic film.

Information on Basic Physical and Chemical Properties

Appearance	Film
Physical State	Solid
Odor	Mild to no odor
Odor Threshold	No data available
pH-value	Not applicable
Melting Point (C)	90-140 degrees
Freezing Point (C)	No data available
Flash Point	No data available
Flammability (solid, gas)	Not classified. Polymer will burn but does not easily ignite.
Solubility in Water	Insoluble
Auto-ignition Temp	No data available
Density	1.00-0.91 g/cc
Lower Explosion Limit	Not applicable
Upper Explosion Limit	Not applicable
Explosive Properties	No data available

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SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: This material is considered stable under normal ambient and anticipated storage and handling conditions.

Conditions to Avoid: Avoid elevated temperatures for prolonged periods of time, contact with strong oxidizers, sparks or open flame. Minimize dust generation and accumulation.

Materials to Avoid: Avoid contacts with strong oxidizing agents. Material product performance and/or service life may be adversely affected by some aromatic hydrocarbons or other known polymer pro-degradants.

Hazardous Decomposition Products: Material does not decompose at ambient temperature.

Hazardous Polymerization: Under normal conditions of storage and use, hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

Oral Toxicity: Health injuries are not known or expected under normal use. Presumed not toxic.

Inhalation Toxicity, Vapor: Health injuries are not known or expected under normal use. Presumed not toxic.

Dermal Toxicity: Health injuries are not known or expected under normal use. Presumed not toxic.

Skin Irritation: No data available. No adverse effects expected.

Eye Irritation: No data available. No adverse effects expected.

Sensitization: No data available. No adverse effects expected.

Carcinogenicity: See section 2.

Additional Toxicological Information: Contains additives that are encapsulated in the film. Under the normal conditions for use of this film the encapsulated additives are not expected to pose any health hazards per our experience and the information provided to us.

SECTION 12: ECOLOGICAL INFORMATION

Persistence and Degradability: This material is persistent in the environment. Not readily biodegradable.

Bioaccumulation: No data available. No bioaccumulation expected.

Mobility: Product is insoluble and floats on water.

Ecotoxicity (Aquatic and Terrestrial): Not expected to be harmful to aquatic or terrestrial organisms.

Biodegradability: The material is not expected to be readily biodegradable.

Other Information: Recycle material or dispose of properly.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal (recommendations based on product as supplied): Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. It is recommended that all waste be analyzed for compliance to applicable laws and regulations governing proper recycling and/or disposal methods and reporting requirements. Consult your local or regional authorities.

SECTION 14: TRANSPORT INFORMATION

US DOT Hazard Class: Not regulated

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SECTION 15: REGULATORY INFORMATION

US Regulations:

TSCA: All components of this product are on the TSCA inventory or are exempt from listing.

SECTION 16: OTHER INFORMATION

MEDICAL APPLICATION CAUTION: Do not use this material in medical applications involving permanent implantation in the human body or permanent contact with internal body fluids or tissues.

* Article; product meets definition of an article as defined by official OSHA interpretations.

** As per paragraph (i) of OSHA Hazard Communication Standard 29 CFR Part 1910.1200, formulation is considered a trade secret and specific chemical identify and exact percentage of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designation representatives in accordance with applicable provisions of paragraph (i).

Disclaimer: The information contained herein only applies to the noted product. To the best of our knowledge, having been obtained through our suppliers or third parties, this information is accurate. We make no warranties, express or implied, concerning this information or the safe use of the noted product, and we disclaim liability from loss, damage, or other from the product's use, handling, or storage. Users are responsible for verifying the fitness/suitable of the product for any purposes/applications and for confirming compliance with any/all relevant codes or regulations

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