



SAFETY DATA SHEET
According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): ECODRAIN-DS, e.drain ds
Product Description: Dimpled HDPE Sheet
Chemical Name: Polyethylene Compounds
Chemical Family: Polyolefin
CAS No: N/A

Supplier:
EPRO Services, Inc.
PO Box 347
Derby, KS 67037
800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

Based on pertinent data available, these products are considered “articles” and are not hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200). GHS Label Elements not required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product does not meet the definition given in 29 CFR 1910.1200 fo hazardous material and composition is not required.

<u>NO</u>	<u>Components</u>	<u>CAS No.</u>	<u>OSHA PEL</u>
1	Polyethylene	9002-88-4	Not established
2	Polypropylene	9003-07-0	Not established
3	Proprietary	Mixtures	Not established

4. FIRST-AID MEASURES

Inhalation: Not likely in current form
Ingestion: Not likely in current form
Eye Contact: As with any foreign object, flush with water. If pain or irritation persists, consult physician.
Skin Contact: Wash with soap and water. In case of irritation, consult physician.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Dry chemical, carbon dioxide or foam.

Special Fire Fighting Procedures: Wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Extinguish fires with foam or dry chemical. Do not use water jet.

Unusual Fire and Explosion Hazards: Avoid accumulation and dispersion of dust to reduce explosion potential.

Fire may produce irritating gases and dense smoke.

6. ACCIDENTAL RELEASE MEASURES

Spill is not applicable. Sold in solid form.

7. HANDLING AND STORAGE

Handling: Wear safety glasses during cutting and fabricating processes. Electrostatic charge may build up during handling. Grounding of equipment is recommended.

Handling: No special handling unless large rolls are used. Use lifting devices as necessary.

Storage: Store in a dry place and away from direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Emergency Overview: Practically nontoxic

Primary Route(s) of Exposure: Inhalation, Eye, Skin Contact

Potential Health Effects and Symptoms of Over-Exposure

Negligible hazard at room temperature under normal use.

Eye Contact: Solid flake or dust may cause transient irritation as a result of mechanical abrasion.

Skin Contact: Essentially no irritation to skin. Mechanical injury only. Hot solid may cause thermal burns.

Inhalation: Exposure to dust at high concentration may cause irritation to respiratory tract.

Ingestion: May cause choking if swallowed.

Medical Conditions Aggravated by Overexposure: Not expected. Film is generally accepted as being biologically inert. No specific antidotal treatment, symptomatic support required.

Carcinogenicity: NTP: No IARC: No OSHA: No

Eye Protection: As required by site-specific conditions. Not normally required.

Skin Protection: Gloves required when handling hot material. Not normally required.

Respiratory Protection: None required in normal use of product. NIOSH approved dust mask recommended if dust conditions exist.

Engineering Control: Ventilation Requirements — General

General ventilation should be sufficient. However, if operating conditions create high airborne concentrations of this material, special ventilation may be needed. If handling results in dust generation, special ventilation may be needed to ensure that dust exposure does not exceed the OSHA PEL for nuisance dust.

Required Work/Hygiene Procedure: Minimize contact with skin. Do not eat, drink or smoke in work area. Wash hands thoroughly after handling, especially before eating drinking, smoking, chewing or using restroom facility. Dusted clothing and shoes should be thoroughly cleaned before use.

Exposure guidelines

<u>No.</u>	<u>Components</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>
1	Polyethylene	None	None
2	Polypropylene	None	None

9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: Greater than 400°

Autoignition: Not applicable

Flammable Limits in Air (LEL, %): Not applicable (UEL, %): Not applicable

Physical Form: Solid

Color: Black

Odor: Insignificant

Boiling Point: Not applicable

Melting Point: ~ 320°F

Freezing Point: Not applicable

Solubility in Water: None

Specific Gravity: Less than 1 (water = 1)

Vapor Density: Not applicable (air = 1)

Evaporation Rate: None (Butyl acetate = 1)

Vapor Pressure: Not applicable

% Volatile: None

pH: Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Strong oxidizers

Hazardous Decomposition: Carbon dioxide, carbon monoxide

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Inhalation: Not likely under normal use

Injection: Not likely under normal use

Ingestion: Not likely under normal use

Skin Contact: Prolonged contact may cause irritation to some individuals

Eye Effects: Not toxic, may irritate eyes

Skin Effects: Not toxic, may irritate skin

Target Organs: None

Chronic: No known health effects from long term use or contact

Carcinogenicity: The IARC evaluation is the "Carbon black (airborne, unbound particles of respirable size) is possibly carcinogenic to humans (Group 2B)"

Mutagenicity & Reproductive Effects: Not believed to be mutagenic or a reproductive hazard

The information provided below can be subject to misinterpretation. Therefore, it is essential the following information be interpreted by individuals trained in its evaluation.

Chemical

Polyethylene and Polypropylene: No toxicology data available.

Polyethylene and polypropylene are not considered hazardous materials under the OSHA Hazard Communication Standard

12. ECOLOGICAL INFORMATION

Environmental Data: Not expected to be hazardous to the environment in present form.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State, and local environmental control regulations.

14. TRANSPORT INFORMATION

DOT Shipping Name: Not listed
DOT Label: Not regulated
DOT Hazard Class: Not applicable
UN/NA Number: Not applicable
Hazard Label(s): Not applicable
Hazard Placard(s): Not applicable
Packing Group: Not applicable
Bulk Packaging: Not applicable
RQ: Not applicable
Emergency Response Guide (ERG) No.: Not applicable

15. REGULATORY INFORMATION

FEDERAL REGULATORY INFORMATION – Polyethylene, Polypropylene

OSHA Status: None

EPA Clean Air Act Status: None

EPA Clean Water Act Status: None

TSCA Status: All ingredients are listed on TSCA Inventory (40 CFR710)

CERCLA RQ: None

USA TSCA: This product is considered an article and is exempt from TSCA requirements.

Canada Domestic Substances List (DSL): This product is not specified on the DSL or NDSL.

SARA Title III Polyethylene, Polypropylene

Section 302* Section 313** Section 311/312***

None None None

*Reportable quantity of extremely hazardous substance, Sec. 302

*Threshold planning quantity, extremely hazardous substance, Sec. 302

**Toxic chemical. Sec. 313

**Category as required by Sec 313 (40CFR372.65C). Must be used on Toxic Release Inventory form.

***Hazard category for SARA Sec311/312 reporting H1=acute health hazard, H2=chronic health hazard, P3=fire hazard, P4 sudden release of pressure hazard, P5=reactive hazard

California Proposition 65: Carbon Black (airborne, unbound particles of respirable size), CAS# 1333-86-4 is listed as a possible carcinogen.

Canada Regulations (WHMIS): Not listed

RCRA Status: If disposed of in its purchased form, this would not be a RCRA hazardous waste either by listing or by 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 a hazardous waste (40CFR261.20-24).

OTHER REGULATORY INFORMATION

The following chemicals are specifically listed by individual states; other product-specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

<u>State</u>	<u>Chemical</u>	<u>Regulation</u>
None	Polyethylene	None
None	Polypropylene	None

International

None

16. OTHER INFORMATION

<u>NFPA</u>	<u>HMIS</u>
Fire—1	Health - 0
Health—0	Flammability - 1
Reactivity—0	Reactivity - 0
Specific Hazard—None	Personal Protection Index - E

This information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designated only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.