



MATERIAL SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name : HomeGuard HP Plus Houswrap
Chemical Name: Polyethylene Nonwoven Fabric + Breathable Film Composite
Product Use: Building Products
Manufacturer/Distributor Information: HGP
11530 Windridge Drive
Pickerington, OH 43147
Tel:616-846-0804
Emergency Phone: (616) 846-0804
WHMIS CLASSIFICATION: Exempt, not a controlled product.
TDG CLASSIFICATION: Exempt, not regulated.

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Component	Percent
9002-88-4	Polyethylene	85 - 90

Component Information/Information on Non-Hazardous Components

This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).

This product is not a controlled product under Canada's Workplace Hazardous Materials Information System (WHMIS).

SECTION 3 — HAZARDS IDENTIFICATION

Emergency Overview

Product is a solid polyethylene fabric with various colors and no odor. No significant adverse health effects are expected with normal use of this product.

Potential Health Effects: Eyes

Eye contact will produce a mechanical irritation like any foreign object.

Potential Health Effects: Skin

No skin irritation is expected with normal use of this product.

Potential Health Effects: Ingestion

Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Potential Health Effects: Inhalation

Not an inhalation hazard. If product is thermally processed, fumes may be irritating to the respiratory system.

HMIS Ratings: Health: 1 Fire: 1 Physical Hazard: 0

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

SECTION 4 — FIRST AID MEASURES

First Aid: Eyes

If irritation persists get medical attention.

First Aid: Skin

No special instructions are necessary for this product.

First Aid: Ingestion

Due to the physical nature of this material, ingestion is unlikely to occur. If ingestion of a large amount does occur, seek medical attention.

First Aid: Inhalation

If dust or vapors of processed product are inhaled, move person to non-contaminated air.

SECTION 5 — FIRE FIGHTING MEASURES

Flash Point: Not applicable**Upper Flammable Limit (UFL):** Not applicable**Auto Ignition:** Not applicable**Rate of Burning:** Not available**Method Used:** Not applicable**Lower Flammable Limit (LFL):** Not applicable**Flammability Classification:** Not applicable**General Fire Hazards**

This product is combustible at high temperatures. Burning may produce thick, irritating smoke.

Hazardous Combustion Products

Upon decomposition, product emits acrid, dense smoke with carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

Extinguishing Media

Use water spray, dry chemical foam, or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

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

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Containment Procedures

Containment of this material should not be necessary.

Clean-Up Procedures

Sweep up or gather material and place in appropriate container for disposal.

Evacuation Procedures

Evacuation procedures are not necessary if this material is spilled.

Special Procedures

Follow all Local, State, Federal and Provincial regulations for disposal.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures

No special requirements.

Storage Procedures

Store in cool, dry, well-ventilated area. Do not store in areas containing flammable or combustible products.

SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines**A: General Product Information**

Keep formation of dusts, particulates and fumes to a minimum.

B: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls

Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces.

PERSONAL PROTECTIVE EQUIPMENT**Personal Protective Equipment: Eyes/Face**

None required; however, use of eye protection is good industrial practice.

Personal Protective Equipment: Skin

None required; however, use of protective gloves/clothing is good industrial practice.

Personal Protective Equipment: Respiratory

Not normally needed. When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.

Personal Protective Equipment: General

Keep formation of dusts, particulates and fumes to a minimum.

SECTION 9 — PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Various	Odor:	None
Physical State:	Solid, fabric	pH:	Not applicable
Vapor Pressure:	Not applicable	Vapor Density:	Not applicable
Boiling Point:	Not applicable	Melting Point:	230-284°F (110-140°C)
Solubility (H2O):	<0.1%	Specific Gravity:	0.91-0.98

SECTION 10 — CHEMICAL STABILITY & REACTIVITY INFORMATION

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

Keep away from heat, ignition sources and incompatible materials.

Incompatibility

Strong oxidizing agents (peroxides, chlorine, strong acids).

Hazardous Decomposition

Upon decomposition, product emits acrid, dense smoke with carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

Hazardous Polymerization

Will not occur.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity**A: General Product Information**

No additional information available.

B: Component Analysis - LD50/LC50**Polyethylene (9002-88-4)**

Inhalation LC50 Mouse: 12 g/m³/30M

Carcinogenicity**A: General Product Information**

No component of this product present at greater than 0.1% is identified as a carcinogen by ACGIH, IARC, OSHA, NIOSH, or NTP.

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity**A: General Product Information**

No information available for the product.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Environmental Fate

No information available for the product.

SECTION 13 — DISPOSAL CONSIDERATIONS

US EPA Waste Number & Descriptions**A: General Product Information**

Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

SECTION 14 — TRANSPORTATION INFORMATION

US DOT Information

Shipping Name: Not regulated as a hazardous material for transportation.

TDG Information

Shipping Name: Not regulated as a dangerous substance for transportation.

SECTION 15 — REGULATORY INFORMATION

US Federal Regulations

A: General Product Information

No additional information available.

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Canadian WHMIS Information

A: General Product Information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

This product is not a controlled product under Canada's Workplace Hazardous Materials Information System (WHMIS).

B: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

A: General Product Information

All components are on the U.S. EPA TSCA Inventory List.

B: Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Polyethylene	9002-88-4	Yes	DSL	No

SECTION 16 — OTHER INFORMATION

Other Information

Disclaimer: Supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration., NJTSR = New Jersey Trade Secret Registry.

Contact: Technical Manager

Contact Phone: 616-846-0804

This is the end of MSDS # CLAF-001