

MATERIAL SAFETY DATA SHEET

Section 1 – Product Identification & Emergency Information

Product Name: Woven Polypropylene Fabric – PolyPro 55

Chemical Name: Polypropylene

Chemical Family: Blend of materials; primarily polypropylene

Product Description: Black landscape fabric

EMERGENCY CONTACT INFORMATION:

Easy Gardener Products, Ltd. – 3022 Franklin Ave, Waco, TX 76710
800-327-9462 (8-5:00 Central M-F) / 254-753-5372 (fax)

Section 2 – Hazardous Ingredient Information

The following ingredients are listed as hazardous materials according to CFR 1910.1200 (Hazardous Communication Standard-USA) and as controlled substances under WHMIS (Workplace Hazardous materials Information System-Canada)

Pigments: N/A

Vehicle: N/A

Additives: N/A

For details regarding CAS content, see Section 7 of this document.

IMPORTANT NOTE:

Pigments, vehicles, and additives are fully encapsulated in resin and are not expected to cause any hazardous conditions when processed in accordance with good manufacturing practices.

Section 3 – Health Information and Protection

Nature of Hazard

Eye Contact:

Particulates may scratch eye surfaces/cause mechanical irritation

Skin Contact:

No hazard in normal industrial use

Inhalation:

No hazard in normal industrial use

Ingestion:

No hazard in normal industrial use.

First Aid

Eye Contact:

This product is an inert solid. If in eye, remove as one would any foreign object. If irritation persists, contact physician.

Skin contact:

Wash with soap and water. If irritation persists, contact physician.

Inhalation:

In case of adverse reaction, immediately remove the affected victim from exposure to fresh air. If adverse conditions persist, contact physician.

Ingestion:

First aid is normally not required.

Workplace Exposure Limits

No workplace exposure limits have been established for this product.

OSHA REGULATION 29CFR1910.1000 REQUIRES THE FOLLOWING PERMISSIBLE EXPOSURE LIMITS

5 mg/m³ (respirable dust), and 15 mg/m³ (total dust) based on the OSHA PEL for nuisance dust.

The recommended permissible exposure levels indicated above reflect the levels revised by OSHA in 1989 or in subsequent regulatory activity. Although the 1989 levels have since been vacated by the 11th Circuit Court of Appeals, Easy Gardener recommends that the lower exposure levels be observed as reasonable worker protection.

THE ACGIH RECOMMENDS THE FOLLOWING THRESHOLD LIMIT VALUES:

A TWA of 10 mg/m³ (total dust) for nuisance dust.

Precautions

Personal Protection

Not required in normal industrial use. Where overexposure by inhalation may occur and engineering, work practice or other means of exposure reduction are not adequate, approved respirators may be necessary.

Ventilation

Local ventilation may be required to control dust.

Section 4 – Fire & Explosion Hazard

Flashpoint: 570°F – Note: decomposes > 570°F

Flammable Limits: N/A

Auto ignition temperature: >575°F for polypropylene

General Hazard

Solid material may burn at or above the flashpoint, and airborne dust may explode if ignited. If thermally decomposed, flammable/toxic gases may be released. Toxic gases will form upon combustion.

Fire Fighting

Use water spray to cool fire-exposed surfaces and to protect personnel. Isolate “fuel” supply from fire. Extinguish the fire by cooling with water spray. Respiratory and eye protection required for fire fighting personnel.

Decomposition products under fire conditions

Carbon monoxide and irritation smoke under oxygen lean conditions.

Section 5 – Spill Control Procedure

Land Spill

Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Water Spill

Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

Section 6 – Notes

No notes applicable

Section 7 – Regulatory Information

Department of Transportation (DOT):

DOT Hazard Class: Not regulated

DOT Identification Number: N/A

Flashpoint:

>600°F (for polypropylene)

Toxic Substances Control Act (TSCA):

This product contains the following chemicals subject to the reporting requirements of the Toxic Substances Control Act (TSCA):

None

CERCLA:

Under the Comprehensive Response, Compensation, and Liability Act, (CERCLA), certain releases to air, land, or water may be reportable to the National Response Center at 800-

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424-8802. Circumstances surrounding the release and cleanup determine reportability. This product is not subject to CERCLA reporting requirements.

SARA Title III:

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act (40CFR 372), this product is classified into the following hazard categories: Not Hazardous.

This product contains the following chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and the Community Right-to-Know Act of 1986, also known as Title III of SARA (Superfund and Reclamation Act) and of 40CFR 372: None

This information must be included in all MSDS's that are copied and distributed with this material.

Ozone Depleting Substances

This product is not formulated with nor does the process utilize any known Class I or Class II Ozone Depleting Substances regulated by the EPA Clean Air Act (40CFR Part 82).

Section 8 – Typical Physical & Chemical Properties

Sp. Gravity: 0.90	Vapor Pressure, mmHg at °F: N/A
Solubility in Water, Wt. % at °F: Insoluble	Viscosity of Liquid, cST at °F: N/A
Sp. Gravity of Vapor, at 1 ATM Air – 1: N/A	Freezing/Melting Point, °F: Varies by grade / >225°F
Evaporation Rate, n-BU Acetate = 1: N/A	Boiling Point, °F: N/A

Section 9 – Reactivity Data

Stability: Stable	Hazardous Polymerization: Will not occur
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Conditions to Avoid Instability:
N/A

Materials Conditions to Avoid Incompatibility:
Temperatures over 480°F / 250°C may cause resin degradation.

Hazardous Decomposition Products:
Olefinic or paraffinic hydrocarbons

Section 10 – Transport and Storage

U.S. DOT Classification:

Not regulated

Storage Temperature, °F:

Ambient

Loading/Unloading Temperature, °F:

Ambient

Storage/Transport Pressure, mmHg:

Atmospheric

Viscosity at Loading/Unloading Temperature, cST:

N/A

Section 11 – Other Information

None