

Easy Gardener Products, Ltd
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Material Safety Data Sheet

Section I – Product Identification

Product Name: WeedBlock
 Item #(s): 1001, 1041, 1050, 1051, 1070, 1071, 1171, 1081, 1091
 Chemical Description: Black Polyethylene Film

Section II – Hazardous Ingredients/Identify Information

Ingredient	CAS No.	Approx. %	Hazardous	Non-Hazardous
Carbon Black	1333-86-4	<5%	3.5 mg/m ³ LTV & PEL Respirable Dust	

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity	0.915 - 0.935
Vapor Pressure	N/A	Melting Point	105 - 125 C
Vapor Density	N/A	Evaporation Rate	N/A
Solubility in Water	Nil		
Appearance and Odor:	Black, Apertured Film/Shet; Negligible Odor		

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) > 572 F (300 C) ASTM-D1929	Flammable Limits 17.0 - 18.0 LOI	LEL N/A	UEL N/A
Extinguishing Media CO ₂ , Fog, Water Spray			
Special Fire Fighting Procedures Cool with water spray, remove heat source. Wear Positive Pressure, Self-contained breathing apparatus in any closed space			
Unusual Fire and Explosion Hazards Dense smoke emitted when burned without sufficient oxygen. Fine dust particles from slitting could pose explosion or flash fire hazard			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid Temperatures over 572 F (300 C) will cause release of combustible gases
	Stable	X	
Incompatibility (Materials to Avoid) Chlorinated solvents			
Hazardous Decomposition or Byproducts Combustible gases when exposed to high temperatures			
Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry	Inhalation? Unlikely due to form	Skin? Unlikely due to form	Ingestion? Unlikely due to form
Health Hazards (Acute & Chronic) Encapsulation in the polymer matrix minimized chances of exposure to carbon black. Low hazard for commercial or industrial handling.			
Carcinogenicity	NTP? No	IARC Monographs? Carbon Black (Group 2b - Possible Carcinogen)	OSHA Regulated? 29 CFR 1910.1000 Table Z-1
Signs & Symptoms of Exposure None expected			
Medical Conditions Generally Aggravated by Exposure None expected. Like Nuisance dust, any dust created may aggravate certain pre-existing upper respiratory disorders.			
Emergency and First Aid Procedures See below			

Section VII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled Sweep up and recycle or dispose of in regulated landfill, or incinerator according to local and federal regulations
Waste Disposal Method Follow local codes. Can be recycled if clean; sanitary landfill or incineration if dirty
Precautions to be taken in handling and storing Protect employees when handling large rolls. Keep away from heat and steam pipes. Avoid sunlight.
Other Precautions None

Section VIII – Control Measures

Respiratory Protection (Specify Type) Not required		
Ventilation	Local Exhaust X	Special N/A
	Mechanical (General) N/A	Other N/A
Protective Gloves When handling hot plastic	Eye Protection Safety glasses	Other Protective Clothing N/A
Work/Hygiene Practices N/A		

Section IX – First Aid Measures

First Aid Procedures:	
Eyes:	N/A
Skin:	For skin contact with molten material, cool with water. Remove with silicone oil
Inhalation:	N/A
Ingestion:	N/A

Section X – Transportation Information

Shipping information

No special shipping required.