

Material Safety Data Sheet

Section I – Product Identification

Product Name: Easy Gardener Patio & Sidewalk Underliner
 Item #(s): 2170
 Chemical Description: Black Polyethylene Film

| Ingredient | CAS No. | Approx. % | Hazardous | Non-Hazardous |
|------------|---------|-----------|-----------|---------------|
|------------|---------|-----------|-----------|---------------|

Section II – Hazardous Ingredients/Identify Information

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|-----------------------|----------------------------------|-----------------|-------------------------------------------------|---|
| Carbon Black | 1333-86-4 | <4% | 3.5 mg/m ³ LTV & PEL Respirable Dust | |
| Hazard Classification | Health: 0 | Flammability: 1 | Reactivity: 0 | |
| | OSHA 29 CFR 1010.1000 Table Z-1. | | | X |

Section III – Physical/Chemical Characteristics

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|-------------------------------------------------------------------|-----|------------------|---------------|
| 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/Sheet; Negligible Odor | | | |

Section IV – Fire and Explosion Hazard Data

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------|------------|
| 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

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| 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

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| 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

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| 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 |

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| 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

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| 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 |

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| Shipping information No special shipping required. |
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Section X – Transportation Information

The information contained herein is base on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.