Material Safety Data Sheet

5300 Series Mats

Section I. Identification of the Product and of the Manufacturer

Identity:	5300 Series ESD Mat .08 Inch Thick. Dual Layer Rubber.
Manufacturer:	Elimstat.com
Location:	888 Dayton Street Suite 105 Yellow Springs, OH 45387
Contact:	Phone: (937) 993 - 0300 Fax: (937) 993 - 0307

Section II. Health Data

First Aid Measures:	The product is and article has no significant toxic hazard. Hazardous fumes can be produced by combustion or high temperature decomposition.
If Exposed to Fumes From Combustion	▽
Skin Contact:	Flush skin thoroughly with cool water for at least five minutes.
Eye Contact:	Immediately flush eyes with a directed stream of water for at least 15 minutes, while forcibly holding eyelids apart to ensure complete irrigation of eye and lid tissue. Immediately contact medical emergency services.
Inhalation:	If breathing is difficult administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. Immediately contact medical emergency services.
Physician Note:	This material is an article and has no significant toxic hazard. Hazardous fumes (CO, CO_2) are produced by combustion and may be produced by decomposition at 450° F.
Effects of Over Exposure	▽
Acute:	This material decomposes at high temperatures, and can produce irritating toxic fumes.

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Chronic:	No significant hazard.
Route:	Fumes from high temperature decomposition are toxic when inhaled and irritating to skin and mucous membranes.
Toxicity:	This material has no significant hazard.

Section III. Fire and Explosion Hazard Data

Flash Point:	Approximately 500° F
Auto Ignition:	Approximately 700° F
Extinguishing Media:	Carbon Dioxide, Dry Chemical , Water.
Personal Protection:	In case of fire, water can be used to extinguish flames. Use self-contained breathing apparatus and full protective equipment. All fires liberate toxic gases.

Section IV. Ventilation

Respirator:	None
Gloves:	None
Eye Protection:	None
Other Equipment:	None
Outgas:	Local exhaust in the vicinity of hot processing.

Section V. Physical Data

Specific Gravity (H_2O = 1):	1.05 - 1.50
Percent Volatile:	Nonvolatile
Solubility in Water:	Negligible
Evaporation Rate (Butyl Acetate = 1):	< 1
Color:	Top Anti Static (Static Dissipative) layer is available in Blue, Dark Blue, Gray, and Green rubber. Bottom layer is black.

Section VI. Hazardous Ingredients

Significant Hazard:	This material is an " article " under the definition of the OSHA Hazard Communications Standard (CFR 1910.1200).

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Section VII. Hazardous Ingredients

Byproducts: CO, CO_2 - This article can be forced to burn by continuous application of intense heat. The primary combustion products will be CO and CO_2 . Other gases will include small amounts of aromatic and aliphatic hydrocarbons, and oxides of nitrogen and sulfur. The major hazard is carbon monoxide, which can cause asphyxiation.

Section VIII. Handling and Storage

Material Handling: Use applicable fire and safety code precautions for storing.

Section IX. Environmental Protection

Waste Disposal: Submit for disposal in accordance with local , state, and federal regulations. Material is Lead-Free. RoHS Compliant.

Section X. Regulatory Status

(RCRA) Resource Conservation and Recovery Act (USA) : Not classified as a hazardous waste.

Section XI. Additional Information

Cleaning: Always wear rubber gloves when cleaning exhaust equipment or other surfaces. Recommended to use Elimstat Mat Cleaner manufactured by Bennett & Bennett.
DO NOT use silicone-based cleaners as this can create an insulation film on the top static dissipative layer.

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