

Issue Date 2016.07.28

SECTION 1 – PRODUCT IDENTIFICATION

Product Name: VaproMat™

Product Codes: 28309092 3 mm (green), 28309094 7 mm (black)

Manufacture: VAPROSHIELD, LLC
915 26TH Ave. NW, #C-5
Gig Harbor, WA 9335
866-731-7663

Product Information: 8:00 AM – 5:00 PM PST Monday-Friday 1-866-731-7663

Emergency Contact: 24/7 INFOTRAC: 1-800-535-5053

Chemical Name: N/A

Chemical Family: Polypropylene Matrix / Polyester Fabric

Formula: Mixture - N/A

SECTION 2 - HAZARDS IDENTIFICATION

GLOBAL HARMONIZATION LABELING AND CLASSIFICATION:

Hazard Symbols/Pictogram: GHS08



EMERGENCY OVERVIEW:

PHYSICAL DESCRIPTION: This product is a polymer core mat of entangled filaments bonded to a moisture resistant filter fabric.

HEALTH HAZARDS: May be harmful if chronically ingested.

FLAMMABILITY HAZARD: This product has a class A fire rating.

REACTIVITY HAZARD: This product is not reactive.

ENVIRONMENTAL HAZARD: This product has not been tested for environmental impact. This product contains a compound that can cause chronic aquatic toxicity.

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS®)

HMIS® is a registered trademark of the National Paint and Coatings Association.

Health	1*
Flammability	0
Physical Hazard	0

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate * = Chronic

SECTION 3 - COMPOSITION/INFORMATION

Component	CAS-No.	Weight - %
Polypropylene Matrix		80-90%
Nonwoven Polyester Fabric		10-20%

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SECTION 3 - COMPOSITION/INFORMATION (Continued)

Percentages of the following:

Component	CAS-No.	Weight - %
Polypropylene	9003-07-0	0-85%
Polypropylene Ethylene Copolymer	9010-79-1	0-85%
Polyester		10-20%
Additives	Proprietary	<5%

SECTION 4 - FIRST AID MEASURES

Emergency Overview: Bound components of this product may cause cancer. This product does not present a respiration hazard unless the product is ground to a powder of respirable size and inhaled as dust.

SECTION 5 - FIRE-FIGHTING MEASURES

Flash point: Not Applicable

Auto ignition temperature: No Data

Fire and Explosion Hazard: Burning is accompanied by melting and dripping which may cause the fire to spread.

Fire and Explosion Hazard: Hazardous combustion products: carbon monoxide, carbon dioxide, hydrogen bromide, hydrocarbons and other possible toxic combustion products.

Firefighting Instructions: Wear self-contained breathing apparatus and protective suit. Use extinguishing measures that are appropriate for any surrounding fires.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES section before proceeding with clean-up. Use appropriate personal protective equipment as needed during clean-up.

Spill Cleanup: Not Applicable

SECTION 7 - HANDLING AND STORAGE

Handling: Minimize the generation and accumulation of dust.

Storage: No special conditions

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SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protection Equipment

Respiratory Protection: Respiratory protection should not be required under normal use and handling. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Exposure Guidelines

Exposure Limit Values

Chemical Name	PEL (OSHA)	TLV (ACGIH)
Polypropylene	5 mg/m ³ 8 hr. TWA Respirable fraction 15 mg/m ³ 8 hr. TWA Total dust	3 mg/m ³ 8 hr. TWA Respirable particles 10 mg/m ³ 8 hr. TWA Inhalable particles
Polypropylene Ethylene Copolymer	5 mg/m ³ 8 hr. TWA Respirable fraction 15 mg/m ³ 8 hr. TWA Total dust	3 mg/m ³ 8 hr. TWA Respirable particles 10 mg/m ³ 8 hr. TWA Inhalable particles

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Form: fabric sheet with attached matrix (containing a proprietary blend of components encapsulated with a polymer matrix)

Color: green (3 mm) or black (7 mm) matrix with black fabric

Odor: none

Melting point/range: >120 °C (>248 °F)

SECTION 10 – STABILITY AND REACTIVITY

Hazardous decomposition products:

Carbon monoxide, Carbon dioxide, hydrogen bromide, hydrocarbons and other possible toxic combustion products.

SECTION 11 – TOXICOLOGY INFORMATION

Oral LD50: unknown

Skin Irritation: non-irritant

Eye Irritation: non-irritant

Skin Sensitization: not a skin sensitizer

Further Information: The product is a polymer and is not known to produce toxic effects.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic / Terrestrial Toxicity: The product is a polymer and is not expected to produce toxic effects.

Additional Ecological Information:

This product has no known eco-toxicological effects.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: The polypropylene fabric portion is 100% recyclable. Recycling is preferred to disposal or incineration.

The polyester fabric disposal: incineration or landfill in accordance with Federal, State and Local regulations.

Disposal of the polypropylene matrix in accordance with all local, regional, national and international regulations.

SECTION 14: TRANSPORTATION INFORMATION

Not classified as dangerous for transport regulations.

SECTION 15: REGULATORY INFORMATION

SARA section 313: This product contains <15% antimony compounds as its chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 301

California Prop. 65: This product contains chemicals known to the State of California to cause cancer, birth defects or any other harm.

SECTION 16: OTHER INFORMATION

Contact Person: SDS Coordinator, 915 26TH Ave. NW, #C-5, Gig Harbor, WA 9335, Phone: 866-731-7663

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