

# **SECTION 1 – PRODUCT IDENTIFICATION**

Product Name: VaproMat™

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

Manufacture: VAPROSHIELD, LLC

915 26<sup>TH</sup> 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.

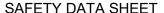
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS®)

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

| Health          | 1* |   |  |
|-----------------|----|---|--|
| Flammability    | 0  | 0 = Minimal<br>1 = Slight<br>2 = Moderate | 3 = Serious<br>4 = Severe<br>* = Chronic |
| Physical Hazard | 0  |   |  |

#### **SECTION 3 - COMPOSITION/INFORMATION**

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





# **SECTION 3 - COMPOSITION/INFORMATION (Continued)**

Percentages of the following:

| Component                           | CAS-No.     | Weight - % |
|-------------------------------------|-------------|------------|
| Polypropylene                       | 9003-07-0   | 0-85%      |
| Polypropylene Ethylene<br>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





## **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 <sup>3</sup> 8 hr. TWA Respirable fraction | 3 mg/m <sup>3</sup> 8 hr. TWA Respirable particles |
|                    | 15 mg/m³ 8 hr. TWA Total dust                     | 10 mg/m³ 8 hr. TWA Inhalable particles             |
| Polypropylene      | 5 mg/m <sup>3</sup> 8 hr. TWA Respirable fraction | 3 mg/m <sup>3</sup> 8 hr. TWA Respirable particles |
| Ethylene Copolymer | 15 mg/m³ 8 hr. TWA Total dust                     | 10 mg/m³ 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.





## **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 26<sup>TH</sup> Ave. NW, #C-5, Gig Harbor, WA 9335, Phone: 866-

731-7663

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