

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	VERSAMAT
Name	Indratech LLC.
Address	1212, E. Maple Road, Troy, Michigan,
48083. USA Telephone No.	1-248-377-1877
Fax No.	1-248-377-1889
Recommended uses	cushioning, acoustics, packaging, and comfort applications.

2. HAZARDS IDENTIFICATION

Most Important Hazards	
Hazards	Minimum harm to human body in usual environment. This product as shipped is not considered hazardous. No danger of inflammation or dangerous chemical reaction in usual environment.
Physical/Chemical Hazard	Combustible with the existence of ignition source
Specific Hazards	Fumes or vapors generated from melting/burning product may cause the irritation of respiratory organ and eyes.
GHS Category	None of the components in the product at greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as carcinogens

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Product	PET and PET/Polyester Copolymer staple and Bico fiber
Chemical Nature	
Chemical Name	Staple fiber - Polyethylene terephthalate (PET) CAS No. 25038-59-9 Binder fiber - Polyethylene terephthalate/Polyester Copolymer CAS No.117197-54-3 Scrim - Polypropylene (PP) CAS No. 9003-07-0

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Indratech	Indratech of Indiana (IOI)	Indratech of Indiana (I2)	Indratech of Kentucky (IOK)
1212 Maple Road	2200 W. Lusher Ave.	3733 Lexington Park Dr.	2801 Constant Comment Dr. Suite D
Troy, MI 48083	Elkhart, IN 46517	Elkhart, IN 46514	Louisville, KY 40299
P: 248.377.1877	P: 574.293.1877	P: 574.326.3706	P: 502.653.6500
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4. FIRST – AID MEASURES

Inhalation	No specific treatment is necessary since fiber is unlikely to be inhaled. In case of irritation by inhaling fumes or gasses generated from burning product, move affected person to fresh air and await recovery. If irritation persists, seek medical attention.
Skin Contact	Fiber is not normally irritating to the skin. If irritation should occur in sensitive individuals, wash the affected area with soap and water. In case of molten product, wash with cold water immediately. Refrain from forcing it apart from skin. If skin is burnt, seek immediate medical attention.
Eye Contact	In case of fiber particles, flush eyes with clean water. If irritation persists, seek medical attention. In case of molten product, cool down and flush eyes with cold water for more than 15 min., and seek medical attention.
Ingestion	No specific treatment is necessary, as ingestion of the fiber is unlikely. If considerable quantities are accidentally ingested, seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing Media	Water spray, Carbon Dioxide, Foam, Dry Chemical Powder
Specific Hazards	May emit gases containing carbon monoxide and tetrahydrofuran, toxic for the eyes and respiratory system, when burning.
Specific Methods	Extinguish windward.
Protection of Firefighters	Wear self-contained breathing apparatus if scale of fire is large.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Causes minimum harm to human body.
Environmental Precautions	Causes little harm to environment
Cleaning Methods	Sweep-up thoroughly with a vacuum-cleaner or a broom.

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7. HANDLING AND STORAGE

Handling	No special handling requirements.
Storage	Store in a cool place and protect from direct sunlight. Keep away from fire or heat. Store product separately from strong oxidizers, strong bases and strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits	ACGIH (TLV): Not established OSHA (PEL): Not established
Ventilation	Good general ventilation should be used.
Eye protection	Safety glasses, preferably with side shields should be worn with normal handling.
Skin protection	None should be needed.
Respiratory protection	None should be needed during normal handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	White, milk-white. Short fibers (1-3ins) Odor
Odor	None
pH	N/A Specific Gravity 1.33 – 1.45
Melting Point	195~203°C
Decomposition Temperature	above 250°C
Flash Point	above 400°C
Explosion Properties	None at Ambient temperatures
Density	1.12~1.20 g/cm ³
Solubility	Insoluble in Water Soluble in strong sulfuric acid, phenols

10. STABILITY AND REACTIVITY

Stability	Stable under normal temperature and pressure.
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Reactivity	Chemical decomposition may occur in case of melting or under high Temperature. Combustible with the existence of ignition source.
Conditions to Avoid	Open fire or heated environment of over 250°C
Materials to Avoid	Strong oxidizers, strong bases and strong acids.
Hazardous Decomposition	May emit gases containing tetrahydrofuran when burning.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	No available information, but estimated to be low.
Acute Inhalation Toxicity	Dust may be irritabile in inhaled, no toxicity information.
Eye Irritation	Dust may cause irritation.

12. ECOLOGICAL INFORMATION

Mobility	Unlikely to move in environment.
Persistence/Degradability	Stable with no biodegradability and likely to persist in environment for a long time.
Bioaccumulation	Unlikely to occur

13. DISPOSAL CONSIDERATIONS

Waste from Residues	Dispose of all wastes in accordance with all Federal, state and local regulations.
Contaminated Packaging	Same as Residues

14. TRANSPORT INFORMATION

Not regulated for transport.

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15. REGULATORY INFORMATION

No additional regulation.

16. OTHER INFORMATION

Last Updated	6/27/2016
Notice	<p>The contents of the MSDS is based on the information and data available at the present moment, thus subject to revision.</p> <p>The precautions are written under the presumption that the product is handled under normal conditions.</p>

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