



TRITON® DECOUPLING & CRACK ISOLATION MAT

SAFETY DATA SHEET (SDS)

Section 1 – Product and Company Identification

Manufacturer: Triton MgO Products

Products: Decoupling & Crack Isolation Mat

Address: 560 East Richey Road, Houston, Texas 77073

Phone Number:

Email: info@triton-mgo.com

Website: www.triton-mgo.com

Recommended use: Crack Isolation Mat is intended for use as an uncoupling and crack isolation mat under tile and stone flooring to prevent cracking of grout and tile/stone due to stresses created by movement or cracking of the substrate.

Restrictions on use: No known adverse chemical reactions.

Section 2 – Hazard Identification

Route(s) of Entry: Skin (None), Eyes (None), Inhalation (None), Ingestion (None)

Health Hazards (Acute and Chronic)

Skin (No Known Hazard)

Eyes (No Known Hazard)

Inhalation (No Known Hazard)

Ingestion (No Known Hazard)

Carcinogenicity: No Known Toxicity Effects (Skin, Eyes, Inhalation, Ingestion)

Signs and Symptoms of Exposure: Skin (None), Eyes (None), Inhalation (None), Ingestion (None)

Medical Conditions Generally Aggravated by Exposure: None

Section 3 –Composition / Information on Ingredients

Preparation: Extruded membranes in rolls, with or without mesh

Chemical Characterization: non-woven & mesh Polypropylene

Hazard Classification: None

Ingredient Name	CAS Number	Percent of Total Weight
Polypropylene	9003-07-0	100

Section 4 – First-aid Measures

Emergency and First Aid Procedures in Case of:

- Contact with skin – none (non-hazardous)

- Contact with eyes – none (non-hazardous)
- Inhalation – none (non-hazardous)
- Ingestion – none (not dangerous)

Section 5 – Fire-fighting Measures

Melt Point: 189° C

Extinguishing Media: Powder, water spray, or foam

Extinguishing Media Not Advised: None

Special Fire Fighting Procedures: None

Specific or Unusual Fire and Explosion Hazards: None

Special Protective Equipment: Normal firefighting equipment and protective clothing

Section 6 – Accidental Release Measures

Personnel Precautions: None

Environmental Precautions: Remove

Clean-Up Method: Remove

Product Recovery: Can be recycled (plastic #5)

Waste Disposal Method: Incineration or legal disposal

Precautions to Be Taken in Handling and Storing: None

Other Precautions: None

Section 7 – Handling and Storage

Handling

- Precaution for safe handling – no specific measures
- Personnel precautions – Non-hazardous
- Precautions against fire and explosion – slow to ignite, relatively easy to combust
- Storage precautions – None

Storage

- Storage conditions – store away from heat sources
- Advice for storage – keep out of reach of children
- Avoid for storage – none
- Stocking limit – refer to local fire regulations. Do not stack more than four high.
- Incompatible materials – none
- Recommended container – store in original packaging
- Containers not recommended - none

Section 8 – Exposure Controls / Personal Protection

Skin Protection: None required for recommended use

Eye Protection: None required for recommended use

Respiratory Protection: None required for recommended use

Ventilation: Recommended use requires none in excess of accepted workplace safety recommendations

Other Protective Clothing or Equipment: None required for recommended use

Permissible Exposure Limit (PEL): Not applicable for recommended use

Section 9 – Physical and Chemical Properties

Physical Appearance: Extruded polypropylene membranes with non-woven and mesh

Form: Roll

Color: TRITON® yellow

Odor: None

pH Value: Not applicable

Flash Point: 250°C

Decomposition Temperature: Not applicable

Explosive Properties: Not applicable

Vapor Pressure: Solid

Vapor Density: Solid

Density: 0.905 (specific gravity, water=1)

Solubility: Soluble in large quantities of concentrated organic solvents

Other Information: Flammable limit > 350°C

Section 10 – Stability and Reactivity

Stability: Stable

Hazardous Reaction: None

Conditions to Avoid: None

Materials to Avoid: Organic solvents, strong acids

Hazardous Decomposition or Byproducts: Not applicable

Section 11 – Toxicological Information

No known effects

Section 12 – Ecological Information

Persistence:

In Soil – none

In Water – insoluble

Bioaccumulation: None

Eco Toxicological Effects: No toxicity for the environment

Section 13 – Disposal Considerations

Dispose of according to federal, state, and local government regulations. Recycle if possible (plastic #5).



Section 14 – Transport Information

Non Hazardous Material - Not regulated for transportation.

Section 15 – Regulatory Information

Not applicable

Section 16 – Other Information

This material is categorized as Non-Hazardous for transportation purposes. Hazardous conditions due to alterations of the material have not been established.

Safety Data Sheet (SDS) issued October 28, 2025

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