



## 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](mailto:info@triton-mgo.com)

**Website:** [www.triton-mgo.com](http://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

*The information contained in this data sheet is furnished in good faith and without warranty, representations, or inducement or license of any kind, except that it is accurate to the best of Triton MgO Product's knowledge or was obtained from sources believed by Triton MgO Products to be reliable. The accuracy, adequacy, or completeness of health and safety precautions set forth herein cannot be guaranteed, and the buyer is solely responsible for ensuring that the product is used, handled, stored, and disposed of safely and in compliance with applicable federal, state, or provincial and local laws. Triton MgO Products disclaims liability for loss, damage, or personal injury that arises from or is in any way related to the use of the information contained in this datasheet.*