



healthmark
INDUSTRIES CO.
health care products
800-521-6224
www.hmark.com

Product SDS

Reference date: 5/22/2018 Revision
date: 11/16/2021

01. Identification of the substance/mixture and of the company

Product name: TEARGUARD Shelf Liner

Code number(s): SH1830C, SH1836C, SH1842C, SH1848C, SH1860C, SH1872C, SH2430C, SH2436C, SH2442C, SH2448C, SH2460C, SH2472C

Purpose of product: TEARGUARD are placed on shelving to keep items from falling through and help prevent ripping and tearing of packaging.

Manufacturer/supplier: Healthmark Industries Co.

Address: 18600 Malyn Blvd. / Fraser, MI 48026

Telephone/Fax/Email: (800) 521-6224 / (586) 491-2113 / healthmark@hmark.com

Emergency telephone number: (800) 424-9300 (24-hour service)

02. Hazardous identifications

Classification of the substance or mixture: This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200, the SDS and labels contain all the information as required by the standard.

Pigment: N/A

Adverse environmental and human health effects: May form combustible dust concentrations in air. While this product may not be a combustible dust as sold, further processing or handling may form combustible dust concentrations in air.

03. Composition/information on ingredients

<u>Description of the mixture:</u>	<u>CAS #:</u>	<u>% by Weight</u>
None	N/A	-100.0%

Hazardous ingredients: Combustible dust

General information: The compounds of this product are embedded in an impervious polymer matrix and therefore present a negligible exposure risk under normal conditions of processing and handling.

Following inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

- Fumes produced during melt process may cause eye, skin, and respiratory irritation. Secondary operations such as material transfer, grinding, sanding, or sawing can produce combustible dust.

Following skin contact: Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.

- Heated material can cause thermal burns resulting in pain, redness, and blistering.

Following eye contact: In case of contact, immediately flush eyes with copious amounts of water for at least (15) minutes.

- May cause eye irritation

Following ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

- May be harmful if swallowed

Notes for the doctor: N/A

04. Firefighting measures

Suitable extinguishing media: Water spray and foam. Water is the best extinguishing medium.

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: Carbon dioxide and carbon monoxide generated when the material burns. Combustible dust may form during material transfer. Estimated dust explosion class= ST2; Kst estimated (bar, m/s); >200-≤300

Advice for firefighters: Emits toxic fumes under fire conditions. Approved positive pressure demand breathing apparatus (SCBA) and protective clothing should be used for all fires.

05. Accidental release measures

General information: Vacuum or sweep up material and place into a suitable disposal container.

Environmental precautions: N/A

Additional information: N/A

06. Handling and storage

Precautions for safe handling: Use with adequate ventilation. Minimize dust generation and accumulation as combustible dust mixtures may be formed.

Fire Preventions: N/A

Technical measures and storage conditions: Store in a cool, dry place.

07. Exposure controls/personal protection

Control parameters: N/A

Personal protective equipment: Wear appropriate clothing to minimize contact with skin.

Hand protection: Wear appropriate protective gloves to minimize skin exposure

Respiratory protection: Follow the OSHA respirator regulations found in (149) CFR (1910.134) or European Standard EN (149). Use a NIOSH/MSHA or European Standard EN (149) approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in (1910.133) CFR (1910.133) or European Standard EN166.

Advice on general occupational hygiene: Wash thoroughly after handling

Environmental exposure controls: Use adequate ventilation to keep airborne concentrations low. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

08. Physical and chemical properties

Appearance: Pellets

Physical state: Solid

Color: N/A

Odor: Slight or No odor

Safety relevant basic data: N/A

Explosion hazard: N/A

Density: N/A

pH: N/A

Initial boiling point/range: °C /°F N/A

Decomposition Temperature: >300 °C / 572 °F

Solubility: Insoluble in cold water

Flash point: °C /°F N/A

Ignition temperature: °C /°F N/A

Melting point: 100-140 °C / 210.0-284 °F

Percent Volatile: < 1.0%

Conditions to avoid: N/A

Incompatible materials: N/A

09. Stability and reactivity

Conditions to avoid-Instability: Stable under recommended conditions of storage and handling.

Incompatible materials: N/A

Hazardous decomposition products: Processing fumes evolved at recommended processing conditions may include trace levels of low molecular weight hydrocarbon fragments, carbon dioxide, carbon monoxide and irritating fumes and gases.

Conditions to avoid-Hazardous: Under normal conditions of use, hazardous decomposition will not occur.

10. Toxicological information

Information on toxicological effects: N/A

Irritation: N/A

Sensitization: N/A

Inhalation: N/A

Practical experiences: N/A

Ingredient: N/A

11. Ecological information

Terrestrial toxicity: No data available

Aquatic toxicity: N/A

Mobility: Soil mobility is expected to be negligible because the product is insoluble in water.

Persistence and degradability: N/A

Bio accumulative potential: This product will not bioaccumulate due to its insolubility in water.

Results of PBT and vPvB assessment: N/A

Other adverse effects: This product is not classified as environmentally hazardous. However, this does exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12. Disposal considerations

Product: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in (261) CFR Parts (261,3). Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Contaminated packaging: N/A

Uncontaminated packaging: N/A

13. Transport information

Air Transport (ICAO/IATA): Non-hazardous for air transport

UN-No: N/A

Proper shipping name: N/A

Classification code: N/A

Packing group: N/A

Hazard label: N/A

14. Regulatory information

Material safety evaluation:

Material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

No	No
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Explosive	(Physical) Hazard Not Otherwise Classified (HNOC)
Flammable (gases, aerosols, liquid, or solid)	Acute toxicity (any route of exposure)
Oxidizer (liquid, solid or gas)	Skin corrosion or irritation
Self-reactive	Respiratory or skin sensitization
Pyrophoric (liquid or solid)	Germ cell mutagenicity
Pyrophoric gas	Carcinogenicity
Self-heating	Reproductive toxicity (single or repeated exposure)
Organic peroxide	Aspiration hazard
Corrosive to Metal	Simple asphyxiant
<u>Gas under pressure (compressed gas)</u>	(Health) Hazard not otherwise classified (HNOC)
In contact with water emits flammable gas	Combustible dust

Regulation on combustible liquids: N/A

Class according 2009/104/EG (BetrSichV): N/A

Water hazard class: N/A

Storage according TRGS 510 (Storage of hazardous substances in non-stationary containers): N/A

15. Other information

Recommended application: Store in cool place. Do not store above 104 °F (40 °C). Shield from direct sun exposure or fluorescent lighting to prevent discoloration. Do not store in areas that are damp or in high humidity.

- Warning: May form combustible dust concentrations in air
- Use caution as dust clouds may be explosive
- Product is static accumulator
- Avoid heat, sparks, and open flame
- Earth whenever possible

Relevant R-, H-, and EUH-phrases: N/A

Information given herein is offered in good faith as accurate, but without guarantee. The conditions of use and suitability of the product for an application is beyond our control. All risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind of nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of this product.

Appropriate warnings and safe handling procedures should be provided to handlers and users.

The information supplied in this Safety Data Sheet is designed only as a guidance for the safe use, storage, and handling of the product. This information is correct to the best of our knowledge and beliefs at the date of the publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other processes.