



Product SDS

Reference date: 7/28/2019 Revision date:
7/28/2019

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

Product name: Hangtime 12 Day Indicator

Code number(s): HTK-12D

Purpose of product: To monitor elapsed time and whether predefined elapsed time has been reached.

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. Hazards identifications

Classification of the substance or mixture: N/A

Pigment: N/A

Adverse environmental and human health effects: N/A

03. Composition/information on ingredients

Description of the mixture:	CAS #:	% by Weight
PET Laminate (print cover)*	Unknown	4-5
Polymeric assembly layers	Unknown	33-36
Aluminum-plastic-laminate**	Unknown	23-26
Vegetable oils	Unknown	15-8
Red liquid dye***	Unknown	4-2
Heat-sealing Polymer	Unknown	0.1-1
Graphic ink and lacquer****	Unknown	0.1-1
Adhesive tape + Liner (full)*****	Unknown	22-23

* Top Outer Layer.

** Metallic bottom side. Complies with EU Directive 2002/72/EC incl. amendments and American FDA Code of Federal Regulations 21CFR 177.1520.,

*** Maximum weight is <0.02 gr.

**** Confirms with the FDA for indirect food contact. Covered by PET laminate.

***** Bottom Outer Layer Incase required. Adhesive conforms to F&DA 175.1054.

Hazardous ingredients: N/A

General information: N/A

Following inhalation: No need for first aid is anticipated.

Following skin contact: No need for first aid is anticipated.

Following eye contact: This product is an inert solid substance. Should some of it get into the eyes, remove as with a foreign body.

Following ingestion: To avoid irritation, get medical advice.

In case of accidental liquid leakage from encapsulating blister

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Wash affected area with large amounts of soap and water.

Inhalation: This product is not known to cause respiratory problems.

If Swallowed: If swallowed, immediately give 2 glasses of water.

Notes for the doctor: N/A

04. Firefighting measures

Suitable extinguishing media: Ordinary combustible material. Use fire extinguishers with Water Spray, Foam, Powder, Carbon dioxide.

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: N/A

Advice for firefighters: If necessary, wear full protective gear and use air-bottle or air-circulating apparatus for fire fighters.

05. Accidental release measures

General information: Spray with soap and water and wipe with absorbent material (paper tissue, cleaning sponge, etc.).

Environmental precautions: N/A

Additional information: N/A

06. Handling and storage

Precautions for safe handling: Avoid overheating of this product.

Fire Preventions: N/A

Technical measures and storage conditions: Take precautionary measures to avoid fire hazards. Store in normal room conditions without direct exposure to sunlight.

07. Exposure controls/personal protection

Control parameters: N/A

Personal protective equipment: N/A

Hand protection: N/A

Respiratory protection: N/A

Eye protection: N/A

Advice on general occupational hygiene: N/A

Environmental exposure controls: N/A

08. Physical and chemical properties

Appearance: N/A

Physical state: Solid. Aluminum-polymeric laminate encapsulating liquid dye indicator.

Color: Red

Odor: Odorless

Safety relevant basic data: N/A

Explosion hazard: N/A

Density: N/A

pH: N/A

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

Solubility: Insoluble

Flash point: °C /°F N/A

Ignition temperature: °C /°F N/A

Melting point: °C / °F N/A

Conditions to avoid: N/A

Incompatible materials: N/A

09. Stability and reactivity

Conditions to avoid: Overheating to temperatures above 70°C should be avoided.

Incompatible materials: Fluorine-Oxygen mixtures, strong oxidants, acids, alkaline solutions.

Hazardous decomposition products: N/A

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: N/A

Persistence and degradability: N/A

Bio accumulative potential: N/A

Results of PBT and vPvB assessment: N/A

Other adverse effects: N/A

12. Disposal considerations

Product: Please refer to applicable local, state, and federal regulations.

Contaminated packaging: N/A

Uncontaminated packaging: N/A

13. Transport information

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: N/A

Regulation on combustible liquids:

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.

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

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.