



Product SDS

Reference date: 7/15/2019 *Revision date: 7/18/2019*

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

Product name: Pouch Seal Integrity Test

Code number(s): PS-001, TPS-001

Purpose of product: To test the integrity of the seals for heat seal and self-seal pouches.

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: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

Pigment: N/A

Adverse environmental and human health effects: N/A

03. Composition/information on ingredients

Description of the mixture: CAS #: % by Weight

Upper Printed side laminate with delamination function:

<u>Typical values:</u>	<u>Measure Units</u>	<u>Test Results</u>
Weight	g/m ²	62
A) Polyester metalized	µm	12
B) Polyethylene	µm	50

Lower Printed side:

<u>Typical values:</u>	<u>Measure Units</u>	<u>Test results</u>
Weight	g/m ²	62
A) Polyester metalized	µm	12
B) Polyethylene	µm	50

Indicating solution (Dye):

<u>Typical values:</u>	<u>Measure Units</u>	<u>Test results</u>
Specific weight	g/m ³	1,05
A) Wetting agent:	%	<0,50
Ecosurf EH-6		
Ecosurf EH-9		
Tergitol 15-s-9		
Tergitol 15-s-12		
B) Indicator dye: Toluidine blue, Allura Red	%	4 surfactants are on the list of ASTM Integrated Laboratory Trials for new component for ASTM F1929 standard
C) Water	%	99,45

Hazardous ingredients: N/A

General information: N/A

Following inhalation: N/A

Following skin contact: Wash off with soap and plenty of water.

Following eye contact: Flush eyes with water as a precaution.

Following ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Notes for the doctor: N/A

04. Firefighting measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable extinguishing media: N/A

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

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

05. Accidental release measures

General information: Use gloves in case of spillage.

Environmental precautions: Do not let product enter drains.

Additional information: Swipe with water. Keep in suitable, closed containers for disposal.

06. Handling and storage

Precautions for safe handling: N/A

Fire Preventions: N/A

Technical measures and storage conditions: Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

07. Exposure controls/personal protection

Control parameters: General industrial hygiene practice.

Personal protective equipment: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific work-place.

Hand protection: Handle with gloves. Wash and dry hands.

Respiratory protection: N/A

Eye protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Advice on general occupational hygiene: N/A

Environmental exposure controls: N/A

08. Physical and chemical properties

Appearance: Liquid

Physical state: N/A

Color: Blue, Red

Odor: N/A

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: N/A

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: N/A

Chemical stability: Stable under recommended storage conditions.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: N/A

10. Toxicological information

Information on toxicological effects: Germ cell mutagenicity: Hamster, ovary, Cytogenetic analysis

Carcinogenicity: IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.

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: Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging: Dispose of as unused product.

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: This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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 item 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.