



Product SDS

Reference date: Revision date:

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

Product name: Twist-Loks

Code number(s): 5224

Purpose of product: Easy-break locks that break when pulled, twisted, or snapped at the core.

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: This product has not been evaluated as a whole

Adverse environmental and human health effects: N/A

03. Composition/information on ingredients

Description of the mixture: N/A

Hazardous ingredients:

Component	CAS #	OSHA PEL	ACGIH PEL	% weight
Carbon black	1333-86-4	3.5mg/m ³	3.5mg/m ³	<2

04. First aid measures

General information: N/A

Following inhalation: Remove person to fresh air and consult a physician if respiratory irritation occurs.

Following skin contact: Treat contact with molten product as for an ordinary burn.

Following eye contact: Flush with water and consult a physician.

Following ingestion: Consult a physician.

Notes for the doctor: N/A

05. Firefighting measures

Suitable extinguishing media: All common; dry chemical preferred.

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: None known

Advice for firefighters: A fine spray of fog or water will reduce intensity of flame. Keep exposed product cool to prevent melting or dipping. Do not use a solid stream of water, this could spread fire. Self-contained breathing apparatus should be worn to prevent inhalation of smoke and decomposition products.

06. Accidental release measures

General information: Sweep, shovel, or vacuum material into clean containers. Pellets on floor could present a slipping hazard.

Environmental precautions: N/A

Additional information: Dispose of in accordance with all local, state, and federal regulations.

07. Handling and storage

Precautions for safe handling: Fumes may be released upon heating. Mechanical ventilation and/or an approved respiratory protection program may be required.

Fire Preventions: N/A

Technical measures and storage conditions: Do not store near flame or heat source.

08. Exposure controls/personal protection

Control parameters: N/A

Personal protective equipment: Protective clothing should be worn to prevent burns from molten material if exposure is likely.

Hand protection: Not ordinarily required.

Respiratory protection: N/A

Eye protection: Safety glasses.

Advice on general occupational hygiene: No special practices ordinarily required.

Environmental exposure controls: N/A

09. Physical and chemical properties

Appearance: Plastic pellets

Physical state: Solid

Color: N/A

Odor: Mild aromatic odor

Safety relevant basic data: N/A

Explosion hazard: N/A

Density: Air = 1 (solid)

pH: N/A

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

Solubility: Insoluble

Flash point: >600°F

Ignition temperature: °C /°F N/A

Melting point: °C /°F N/A

Conditions to avoid: N/A

Incompatible materials: None known

10. Stability and reactivity

Conditions to avoid: N/A

Incompatible material: None known

Hazardous decomposition products: Oxides of carbon, low molecular weight hydrocarbons.

11. Toxicological information

Information on toxicological effects: No data available

Irritation: N/A

Sensitization: N/A

Inhalation: N/A

Practical experiences: N/A

Ingredient: N/A

12. Ecological information

Terrestrial toxicity: No data available

Aquatic toxicity: No data available

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

13. Disposal considerations

Product: Follow federal, state, and local regulations. Contact an authorized disposal service.

Contaminated packaging: Follow federal, state, and local regulations. Contact an authorized disposal service.

Uncontaminated packaging: Follow federal, state, and local regulations. Contact an authorized disposal service.

14. Transport information

UN-No: N/A

Proper shipping name: N/A

Classification code: N/A

Packing group: N/A

Hazard label: N/A

15. Regulatory information

Material safety evaluation: N/A

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

16. Other information

Recommended application: N/A

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.