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

Product SDS

Reference date: 5/4/00 Revision date: 7/28/14

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

Product name: Polyethylene EHA Products (all grades)

Code number(s): N/A

Purpose of product: N/A

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: Non-hazardous

Adverse environmental and human health effects:

Eyes: Particulates may scratch eye surfaces and cause mechanical irritation.
Skin: Negligibly hazardous at ambient temperatures (-18 to 38ºC / 0 to 100ºF). Exposure to hot material may cause thermal burns.
Inhalation: Negligibly hazardous at ambient temperatures (-18 to 38ºC / 0 to 100ºF). Vapors and/aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.
Ingestion: Minimal toxicity.

Carcinogenic Effects: Polypropylene is NOT a known carcinogen. Classified NONE by NTP, NONE by OSHA. 3(Not classifiable for human.) by IARC.
Medical Conditions: There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical condition.

03. Composition/information on ingredients

Description of the mixture: This product is not hazardous as defined in 29 CFR1910, 1200.

Hazardous ingredients: N/A

04. First aid measures

General information: N/A

Following inhalation: In case of adverse exposure to vapors and/or aerosol formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

Following skin contact: For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing, as the damaged flesh can be easily torn.

Following eye contact: This product is an inert solid. If in eye, remove as one would any foreign object.

Following ingestion: First aid is normally not required.

Notes for the doctor: N/A

05. Firefighting measures

Suitable extinguishing media: Water

Unsuitable extinguishing media: No data

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

Advice for fire-fighters: Use water spray to cool fire exposed surfaces, protect personnel, and extinguish the fire. Respiratory and eye protection required for firefighting personnel.

06. Accidental release measures

General information: Pellets on the floor could present a serious spilling problem. Good housekeeping must be maintained at all times to avoid this hazard. Sweep, shovel, or vacuum material into clean containers. Dispose into convenient waste disposal container.

Environmental precautions: N/A

Additional information: N/A

07. Handling and storage

Precautions for safe handing:

Land spill: Recover spilled material and place in suitable containers for recycle or disposal. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
Water spill: Plastic pellets are defined by the US EPA under the Clean Water Act as a "significant material" which requires any industrial plant that may expose pellets to storm water to secure a storm water permit. Violations of the rule carry the penalties as other Clean Water Act Violations. Pellets found in storm water runoff are subject to EPA regulations with the potential for substantial fines and penalties. Skim from surface.

Fire Preventions: N/A

Technical measures and storage conditions: N/A

08. Exposure controls/personal protection

Control parameters: Local exhaust ventilation of process equipment may be needed to control particulate exposures to below the recommended exposure limit.

Personal protective equipment: Wear when contact with hot material may occur; see below.

Hand protection: Thermal resistant gloves.

Respiratory protection: N/A

Eye protection: N/A

Advice on general occupational hygiene: N/A

Environmental exposure controls: N/A

09. Physical and chemical properties

Appearance: N/A

Physical state: N/A

Color: N/A

Odor: N/A

Safety relevant basic data: N/A

Explosion hazard: N/A

Density: N/A

pH: N/A

Initial boiling point/range: ºC /ºF N/A
Solubility: Insoluble

Flash point: 649ºF

Ignition temperature: ºC /ºF N/A

Melting point: ºC /ºF N/A

Conditions to avoid: N/A

Incompatible materials: N/A

10. Stability and reactivity

Conditions to avoid: N/A

Incompatible materials: N/A

Hazardous decomposition products: Oxygen-lean conditions may produce carbon monoxide, irritating smoke, and acetic acid.

11. Toxicological information

Information on toxicological effects: N/A

Sensitization: N/A

Inhalation: N/A

Practical experiences: N/A

Ingredient: N/A

12. Ecological information

Terrestrial toxicity: N/A

Aquatic toxicity: Plastic pellets are defined by the US EPA under the Clean Water Act as a "significant material" which requires any industrial plant that may expose pellets to storm water to secure a storm water permit. Violations of the rule carry the penalties as other Clean Water Act Violations. Pellets found in storm water runoff are subject to EPA regulations with the potential for substantial fines and penalties.

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

Contaminated packaging: N/A

Uncontaminated packaging: N/A

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:

TSCA: This product is listed on the TSCA inventory at CAS Registry Number 24937-78-8.

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA TITLE III: Under the provisions of Title III. Section 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories: Not hazardous. This product does not contain Section 313 Reportable Ingredients.

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

National Fire Protection Association standards NFPA 654 and 68 indicate possible explosion hazard of dust particles. Conform accordingly. Avoid accumulation of dust or duct clouds; operate handling and storage system leak free, practice good housekeeping. Keep from sources of ignition. Do not store near heat, flame, or strong oxidants. Assure proper electrical grounding of all handling equipment.

This product may also contain varying levels of additives, such as slip and ant blocking agents, antioxidants, stabilizers, and corrosion inhibitors. Certain grades may contain cristobalite, a form of crystalline silica, as an additive that is encapsulated in the polymer. Inhaled crystalline silica in an occupational environment has been classified as a Group 1 human carcinogen by the International Agency for Research on Cancer. However, ExxonMobil chemical company has assessed the potential for release of silica to the air when this polymer is handled and has determined that silica encapsulated in this polymer is not expected to pose a health hazard when processed under normal conditions of use.

Should significant vapors/fumes be generated during thermal processing of this product, it is recommended that work stations be monitored for the presence of thermal degradation byproducts, vinyl acetate and acetic acetate, which may evolve at elevated temperatures. It is recommended that the current ACGIH-TLVs for these materials be observed.

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.