



Product SDS

Reference date: 6/16/14 Revision date: 7/24/14

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

Product name: Cool Aids

Code number(s): ECB-001, ECS-001, ECN-001, ECND-001, Vest-S, Vest-M, Vest-L, Vest-XL, Vest-XXL, Vest-XXXL, CPX-001

Purpose of product: HyperKewl™ Fabric is an article (29 CFR 1910.1200(c)) made from cellulose fibers, bi-component binders, absorbent polymer fibers and process aids. As an article, an OSHA Material Safety Data Sheet is not required for HyperKewl™ Fabric. Nevertheless, this Material Safety Data Sheet is provided as a service to HyperKewl™ Fabric customers.

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: HyperKewl™ Fabric is a white, fabric-like sheet that is odorless and has felt-like drape and feel.

Adverse environmental and human health effects: HyperKewl™ Fabric will burn if involved in a fire. Combustion products mainly will be compounds of carbon, hydrogen and oxygen, including carbon monoxide.

03. Composition/information on ingredients

Description of the mixture: HyperKewl™ Fabric is a white, fabric-like sheet that is odorless and has felt-like drape and feel.

Hazardous ingredients: HyperKewl™ Fabric will burn if involved in a fire. Combustion products mainly will be compounds of carbon, hydrogen and oxygen, including carbon monoxide.

04. First aid measures

General information: N/A

Following inhalation: None suggested. HyperKewl™ Fabric dust should not be harmful if inhaled in amounts below ACGIH exposure guidelines.

Following skin contact: None suggested. Since HyperKewl™ Fabric is not expected to irritate skin, get medical attention if irritation occurs while handling HyperKewl™ Fabric.

Following eye contact: Treat dust in eyes as foreign object. Flush with water to remove particles. Get medical help if irritation persists.

Following ingestion: None suggested. HyperKewl™ Fabric dust should not be harmful if swallowed in association with exposures below ACGIH guidelines.

Notes for the doctor: N/A

05. Firefighting measures

Suitable extinguishing media: Water is effective to extinguish burning HyperKewl™ Fabric.

Unsuitable extinguishing media: N/A

Special hazards arising from the substance and combustion products: As with any dust, HyperKewl™ Fabric dusts are potential explosion hazards. Explosion depends on dust concentration, moisture content, fiber length and heating rate.

Advice for firefighters: Keep personnel removed from and upwind of fire. Wear appropriate fire-fighting gear and respiratory protection.

06. Accidental release measures

General information: N/A

Environmental precautions: Collect for recovery or disposal.

Additional information: N/A

07. Handling and storage

Precautions for safe handling: N/A

Fire Preventions: N/A

Technical measures and storage conditions: Store in cool, dry location away from heat sources, open flames, and sparks.

08. Exposure controls/personal protection

Control parameters: Minimize practices that generate dust. Use general mechanical and/or local exhaust ventilation to keep dust concentrations below exposure guidelines.

Personal protective equipment: Outer garments may be desirable in dusty areas.

Hand protection: Wear gloves to minimize potential mechanical irritation from handling product.

Respiratory protection: Wear particulate filter and/or air-purifying respirator when allowable exposure limits may be exceeded.

Eye protection: Wear safety glasses or goggles where high dust levels are encountered.

Advice on general occupational hygiene: N/A

Environmental exposure controls: N/A

09. Physical and chemical properties

Appearance: White, fabric-like sheet with felt-like drape and feel

Physical state: Solid

Color: N/A

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: N/A

Flash point: N/A

Ignition temperature: °C /°F N/A

Melting point: °C /°F N/A

Conditions to avoid: Dust deposits on hot pipes and machines.

Incompatible materials: None known.

10. Stability and reactivity

Conditions to avoid: Dust deposits on hot pipes and machines.

Incompatible materials: None known.

Hazardous decomposition products: N/A

11. Toxicological information

Information on toxicological effects: N/A

Irritation: N/A

Sensitization: N/A

Inhalation: N/A

Practical experiences: N/A

Ingredient: N/A

12. Ecological information

Terrestrial toxicity: N/A

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

13. Disposal considerations

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

Contaminated packaging: N/A

Uncontaminated packaging: N/A

14. Transport information

UN-No: 49 CFR 171.8

Proper shipping name: N/A

Classification Code: Fabric is neither an oxidizer nor an organic peroxide (49 CFR 173.127 Class 5, Divisions 5.1 and 5.2).

Packing group: N/A

Hazard label: N/A

General info: HyperKewl™ Fabric is a solid material (49 CFR 171.8). It is not explosive (49 CFR 173.50). It is not believed to be a flammable solid (49 CFR 173.124 Class 4, Divisions 4.1, 4.2 and 4.3). That is, HyperKewl™ Fabric is neither a wetted explosive nor a self-reactive material. Furthermore, if tested, HyperKewl™ Fabric would not be expected to exhibit a burning rate characteristic of readily combustible materials. HyperKewl™ Fabric is neither an oxidizer nor an organic peroxide (49 CFR 173.127 Class 5, Divisions 5.1 and 5.2). HyperKewl™ Fabric is neither poisonous material nor, when discarded as purchased, an infectious substance (49 CFR 173.130 Class 6, Divisions 6.1 and 6.2).

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

EPA TOXIC SUBSTANCES CONTROL ACT (TSCA): HyperKewl™ Fabric is made from chemical substances included in the Inventory of chemical substances for the United States.

SOLID WASTE DISPOSAL ACT/RESOURCE CONSERVATION AND RECOVERY ACT (RCRA): HyperKewl™ Fabric, discarded as purchased, is not hazardous waste. HyperKewl™ Fabric does not have characteristics of ignitability (40 CFR 261.21), corrosivity (40 CFR 261.22), or reactivity (40 CFR 261.23) and, based on knowledge of its composition, HyperKewl™ Fabric should not exhibit the toxicity characteristic (40 CFR 261.24). Furthermore, HyperKewl™ Fabric is not included among the lists of hazardous wastes at 40 CFR Part 261, Subpart D.

FDA - FOOD DRUG AND COSMETIC ACT: HyperKewl™ Fabric meets the device definition when used as components in absorptive fabrics and/or napkins.

OSHA OCCUPATIONAL SAFETY AND HEALTH ACT: HyperKewl™ Fabric is defined as an article by the Hazard Communication Standard 29 CFR 1910.1200(c); and, as such, a Material Safety Data Sheet (MSDS) is not required for HyperKewl™ Fabric. Nevertheless, this MSDS is provided to HyperKewl™ Fabric customers as a service

16. Other information

Recommended application:

Relevant R-, H-, and EUH-phrases:

General Info: The above information is, in part, based on material safety data sheets supplied by the vendor of the raw materials used in these products. The information is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for use, or any other warranty is expressed or is implied regarding the accuracy of this data, the results to be obtained from the use of the material, or hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control, and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume responsibility for the results of its use. This information is furnished on the condition that the person receiving it shall make his or her own determination as to the suitability of the material for his or her particular purpose and the condition that he or she assumes the risk of his or her use thereof.

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