



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

Product SDS

Reference date: 7/16/13 Revision date: 7/28/14

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

Product name: Polypropylene copolymer open front bins

Code number(s): QSB206, 2505-2415, QUS260, 2505-249, PB30 BLUE, 2505-124, 2505-126, QSB104 BLUE, 30-210, 30-220, 30-239, 30-235, 30-230, 30-240, 30-250, 30-250, 30-265, 30-270, 30-148, 30-618, 30-5636

Purpose of product: Storage bin designed with an open front to easily identify and access supplies.

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. Hazard's identifications

Classification of the substance or mixture: Solid polymer

Adverse environmental and human health effects: Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures. Molten or heated material in skin contact can cause severe burns.

Eyes: This product is not known to cause eye irritation. However as with any chemical, some sensitive individuals may experience eye irritation upon contact with heated polymer. Eye contact can cause serious thermal burns. Vapors formed when polymer is heated may be irritating to the eye.

Skin: No known acute effects of this product resulting from skin contact. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum. When polymer is heated, skin contact can cause serious thermal burns.

Inhalation: Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the polymer is processed at high temperatures.

Ingestion: No effects are expected for ingestion of small amounts.

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:

Component	CAS #	% Weight
Polypropylene copolymer	9010-79-1	100

Hazardous ingredients: N/A

04. First aid measures

General information: N/A

Following inhalation: Allow victim to rest in a well-ventilated area.

Following skin contact: No known effect on skin contact, rinse with water for a few minutes. Heated polymer: For serious burns from heated polymer, seek medical attention.

Following eye contact: Rinse with water for a few minutes. Seek medical attention as necessary.

Following ingestion: No first aid procedures are needed.

Notes for the doctor: N/A

05. Firefighting measures

Suitable extinguishing media: Small fire: Use dry chemical, CO₂, water spray, halon, or foam. Large fire: Use water spray, fog, or foam.

Unsuitable extinguishing media: Do not use water jet.

Special hazards arising from the substance and combustion products: May be combustible at high temperatures carbon oxides (CO and CO₂) and soot.

Advice for firefighters: Fire may produce irritating gasses and dense smoke. Wear MSHA/NIOSH approved self-contained breathing apparatus or equivalent and full protective gear. No risk of explosion.

06. Accidental release measures

General information: Pellets on the floor could present a serious slipping 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 handling: Handling of plastic may cause nuisance dust. Protect personnel.

Fire Preventions: N/A

Technical measures and storage conditions: Keep container dry. Keep in a cool place. Ground all equipment containing material. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

08. Exposure controls/personal protection

Control parameters: Heated polymer requires local exhaust ventilation or other engineering control to reduce exposure to vapors below recommended levels. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below exposure limit.

Personal protective equipment: Safety slip proof shoes in areas where spills or leaks can occur.

Hand protection: Thermally insulated gloves required when handling hot material.

Respiratory protection: Ventilation is normally required when handling this product at high temperatures. Wear appropriate respirator when ventilation is inadequate.

Eye protection: Safety glasses

Advice on general occupational hygiene: N/A

Environmental exposure controls: N/A

09. Physical and chemical properties

Appearance: Translucent white pellets

Physical state: Solid

Color: Translucent white pellets

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: 120-170 °C / 248-338 °F

Conditions to avoid: N/A

Incompatible materials: N/A

10. Stability and reactivity

Conditions to avoid: Avoid temperatures >300 °C / 570 °F.

Incompatible materials: Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid), free halogens, benzene, petroleum ether, gasoline, lubricating oils and aromatic chlorinated hydrocarbons.

Hazardous decomposition products: CO and CO₂

11. Toxicological information

Information on toxicological effects: CARCINOGENIC EFFECTS: Classified NONE by NTP, NONE by OSHA 3 (not classifiable for human) by IARC.

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: 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: N/A

US Federal Regulations:

HCS Classification: Not an HCS controlled material in the USA.

TSCA Inventory: Polypropylene homopolymer

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution - chemical inventory – hazard identification: No products were found.

Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found.

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: No products were found.

Other:

WHMIS (Canada) Status: Not controlled under WHMIS.

EINECS: Not available

DSCL (EEC): Not controlled under DSCL (Europe).

International Lists: No products were found.

California Proposition 65: There are no Proposition 65 chemicals present in our polypropylene resins at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

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

Label requirements: Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures. Molten or heated material in skin contact can cause severe burns.

National Fire Protection Association (USA)

References: Chemtox Database

Hazardous Substance Databank

Other Special Considerations: Acceptable business/technical terms necessary for medical device applications must be developed by contacting your M. Holland Company sales representative. Without such documented business terms, M. Holland Company makes no representations, and disclaims all warranties, express or implied, concerning biocompatibility and/or suitability of this product for medical device applications.

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.