

MATERIAL SAFETY DATA SHEET

The OSHA Hazard Communication Standard 29 CFR 1910.1200 requires that the information contained on this sheet be made available to your workers. Instruct your workers to handle this product properly.

Issued/Revised: Feb 14,201 3

SECTION I: IDENTIFICATION

PRODUCT: Premium and Standard Air Flow

CHEMICAL FAMILY: Polyolefins; Ethylene based polymers

FORMULA: Proprietary blend of resins

SECTION II: INGREDIENTS

MAJOR COMPONENT: Polyethylene and/or ethylene copolymers, and/or propylene polymers and/or butylene polymers

HAZARDOUS COMPONENTS: None

SECTION III: TYPICAL PHYSICAL/CHEMICAL DATA

APPEARANCE: Clear plastics film

ODOR: None

SOLUBILITY IN WATER: None

SPECIFIC GRAVITY: .915to .970

MELT TEMPERATURE: 225 F - 265 F

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

GENERAL HAZARD: Solid material may bum at or above the auto ignition temperature. If the film is thermally decomposed, flammable and/ or toxic gases may be released.

FLASH POINT: Above 649 °F

AUTOIGNITION: Over 500 °F

EXTINGUISHING MEDLA: Water Spray, Dry chemical, Foam, Carbon Dioxide, Water Fog

SPECIAL FIRE FIGHTING PROCEDURES: For fires in enclosed areas, fire-fighters must wear positive pressure, self-contained breathing apparatus. Do not direct a solid stream of water or foam into burning molten plastic as this may cause spattering and spread fire.

UNUSUAL FIRE/EXPLOSION HAZARDS: None.

STATIC DISCHARGE: Plastic material can accumulate static charges.

SECTION V: HEALTH HAZARD DATA

INHALATION: None

INGESTION: None

SKIN: None at ambient temperature. Hot or molten plastic may cause thermal burns.

HEALTH HAZARDS (Acute and Chronic): None at ambient conditions.

EFFECTS OF OVEREXPOSURE: None

CARCINOGENICITY: None

OSHA REGULATED: No

EMERGENCY FIRST AID PROCEDURES: Inhalation of vapors from hot material- Remove to fresh air.

Dermal/Eye – For thermal burns, flush with large amounts of water, do not use ice.

SECTION VI: REACTIVITY DATA

STABILITY: Stable Unstable

CONDITIONS TO AVOID: High temperatures - greater than 500 F, open flames, sparks and strong oxidizing substances.

INCOMPATIBILITY: Strong oxidizing agents, fluorine, some hydrocarbons cause softening.

HAZARDOUS COMBUSTION/DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide, aldehydes and other organic vapors.

Carbon monoxide is highly toxic if inhaled, carbon dioxide in high concentration can act as an asphyxiant, and some aldehydes can be irritants and/ or carcinogenic.

Local exhaust ventilation is recommended for airborne fumes and vapors.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

SPILLS: Not expected from this product.

WASTE DISPOSAL METHOD: Recycle; material should be packaged, labeled, transported and disposed of in accordance with local, and federal regulations.

ENVIRONMENTAL CONCERNS: Avoid discarding of plastic into surface waters.

SECTION VIII: SPECIAL PROTECTION INFORMATION AND CONTROL MEASURES

RESPIRATORY PROTECTION: Use NIOSH approved respirator if unable to control air-borne fumes or vapors.

VENTILATION: Local exhaust should be used over heating operations to control airborne fumes.

SPECIAL EXHAUST: None required under ordinary conditions of use, and with adequate ventilation.

OTHER PROTECTIVE EQUIPMENT: Gloves and suitable eye protection that meet applicable ANSI standards.

SECTION IX: OTHER SPECIAL PRECAUTIONS

DO NOT STORE NEAR HEAT, OPEN FLAMES, OR STRONG OXIDIZING MATERIALS.

SECTION X: REGULATORY INFORMATION

SECTION XI: OTHER INFORMATION

In accordance with "Right to know" this product contains the following materials:

CAS# Chemical Name

9002-88-4 Polyethylene Homopolymer and/ or

25087-34-7, 25213-02-9 Ethylene/Butene or Hexene Copolymer and/ or

9010-79-1 Polypropylene and/ or

9003-29-6 Polyisobutylene

Inventory Lists: TSCA

In accordance with SARA Title III, Section 313, this product contains the following chemicals subject to reporting: NONE

In accordance with SARA 302, 304, this product contains the following chemicals subject to reporting: NONE

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act of 1980 Section 103).

Because no constituents of the plastic film is released to the environment under normal conditions of use, it is not subject to reporting.

Most of the data contained herein was obtained from raw materials suppliers.

DISCLAIMER

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