

SAFETY DATA SHEET**WORKING COPY**
Finished product**ASAHI KASEI PLASTICS**
Advanced Material SolutionsDate Prepared : 03/26/2015
SDS No : F1**1. PRODUCT AND COMPANY IDENTIFICATION**

GENERAL USE: Injection Molding
PRODUCT DESCRIPTION: Glass Filled Polyethylene Copolymer
PRODUCT CODE: F6-10FG-0100-BK711
PRODUCT FORMULATION NAME: F6-10FG-0100 BK711
GENERIC NAME: Polyethylene

MANUFACTURER

Asahi Kasei Plastics North America, Inc
Asahi Kasei Chemical Co.
900 E. Van Riper
Fowlerville, MI 48836

Emergency Contact: Product Stewardship

Emergency Phone: 517-223-5113

Alternate Emergency Phone: 517-223-5323

Customer Service: 517-223-5352

E-Mail: www.akplastics.com

24 HR. EMERGENCY TELEPHONE NUMBERS

Poison Control Center (Medical) : (877) 800-5553

CANUTEC (Canadian Transportation) : (613) 996-6666

CHEMTREC (US Transportation) : (800) 424-9300

COMMENTS: Restrictions on use: Please do not use our product for the following use:

Medical containers/packaging/equipment/parts of in-vivo, or which contact mucosa, body fluid, blood, chemical solution.

Equipment, parts which contact with food containers/ packaging/equipment or drinking water.

Toys which contacts with mouth, drinking water, ect.

2. HAZARDS IDENTIFICATION**GHS LABEL**

Not classified

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Granular solid. Pellets. Powder or Flakes

IMMEDIATE CONCERNS: None Expected.

POTENTIAL HEALTH EFFECTS

EYES: Irritation due to mechanical irritation. Heated material can cause thermal burns. If heated smoke can emit irritating fumes.

SKIN: No significant irritation expected other than possible mechanical irritation. Heated material can cause thermal burns.

SKIN ABSORPTION: None known.

INGESTION: Ingestion may cause irritation to gastrointestinal tract.

INHALATION: Dust or vapor irritating to eyes and respiratory tract.

REPRODUCTIVE TOXICITY

REPRODUCTIVE EFFECTS: No known significant effects or critical hazards.

TERATOGENIC EFFECTS: No component of this product at levels greater than or equal to 0.1% is classified by established regulatory criteria as teratogenic or embryotoxic.

CARCINOGENICITY: None of the components in this product at concentrations greater than 0.1% are listed by IARC, NTP, OSHA, or AIGIH as a carcinogen.

MUTAGENICITY: No component of this product at levels greater than or equal to 0.1% is classified by established regulatory criteria as a mutagen.

TARGET ORGAN STATEMENT: None Expected.

CANCER STATEMENT: No

WARNING CAUTION LABELS: None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Ethene, Homopolymer	< 98	9002-88-4
1-Butene, polymer with ethene	< 90	25087-34-7
Colorants	0-3%	1333-86-4
Fibrous glass strands	~ 5 - 20	65997-17-3

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

SKIN: 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 flesh can be easily torn.

INGESTION: Induce vomiting. Rinse mouth with water. Seek Medical advice if necessary.

INHALATION: If affected by fumes from heated material, remove from source of exposure and move the affected person into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation or watering

SKIN: Contact causes skin irritation.

SKIN ABSORPTION: None Expected.

INGESTION: Upset stomach

INHALATION: Irritation of the throat, or coughing

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use dry chemical

FIRE FIGHTING EQUIPMENT: Should wear positive pressure self contained breathing apparatus (SCBA) and full turnout gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and / or carbon monoxide

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LARGE SPILL: Vacuum or sweep up material and place in designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Keep out of water ways, and storm sewers.

AIR SPILL: Not yet Determined

7. HANDLING AND STORAGE

HANDLING: Prevent from fire around handling area. Maintain good housekeeping standards to prevent accumulation of dust. To avoid dust explosion resulting from existence of powder, ensure grounding of equipment, bag filters, and hoppers.

STORAGE: Keep material in cool dry place. Protect from direct sunlight, rain and violent temperature fluctuation.

SHELF LIFE: Recommend to use within 2 years, please consult processing documentation

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use standard good ventilation or other engineering controls to minimize inhalation of vapors

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses for general use. Wear chemical goggles for cleaning mold machines.

SKIN: Cold or room temp material: None required; however protective clothing is a good industrial practice.

Hot material: Wear heat resistant protective gloves, clothing and face shield that are able to withstand the temperature of the molten product.

RESPIRATORY: Wear respirator when cleaning molding machine due to possible vapors.

PROTECTIVE CLOTHING: Standard industry clothing is recommended.

WORK HYGIENIC PRACTICES: Wash hands after handling, and before eating, smoking, using the lavatory, and at the end of the day.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Granular solid. Pellets. Powder or Flakes

ODOR: Faint to strong

COLOR: Black

pH: NA = Not Applicable

FLASH POINT AND METHOD: Not Available

FLAMMABLE LIMITS: Not Available

AUTOIGNITION TEMPERATURE: > 340°C

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: Not Available

FREEZING POINT: Not Available

MELTING POINT: > 110°C (230°F)

POUR POINT: Not Available

THERMAL DECOMPOSITION: > 300°C

SOLUBILITY IN WATER: Insoluble in water

EVAPORATION RATE: NA = Not Applicable

PARTICLE SIZE: 3 mm

SPECIFIC GRAVITY: ~ 0.8 to .97

10. STABILITY AND REACTIVITY

REACTIVITY: Stable and non-reactive under normal handling and storage conditions.

HAZARDOUS POLYMERIZATION: None known.

STABILITY: The product is stable

CONDITIONS TO AVOID: If heated to more than 300C, the product may form vapors or fumes which could cause irritation of the respiratory tract, coughing, and shortness of breath. Avoid creation of dust. Avoid strong oxidizer.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

INCOMPATIBLE MATERIALS: Strong Oxidizing materials

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Fumes or vapors generated from decomposing resin may be irritant to eyes

SKIN EFFECTS: None known.

CARCINOGENICITY

IARC: 3

NTP: NA = Not Applicable

OSHA: NA = Not Applicable

CORROSIVITY: NA = Not Applicable

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Wildlife may ingest plastic pellets. Although not toxic, such materials may physically block the digestive system, causing starvation of death.

BIOACCUMULATION/ACCUMULATION: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose according to local, state, and federal laws and regulations. Inadequate incineration may generate toxic gases.

EMPTY CONTAINER: Recycle when possible, or dispose of according to local laws

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Polyethylene - granular

OTHER SHIPPING INFORMATION: Not regulated - Not classified as hazardous for transport

U.S. CUSTOMS HARMONIZATION NUMBER: 3901.20

SPECIAL SHIPPING NOTES: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of a spill.

15. REGULATORY INFORMATION**UNITED STATES****TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Ethene, Homopolymer	9002-88-4
1-Butene, polymer with ethene	25087-34-7
Colorants	1333-86-4
Fibrous glass strands	65997-17-3

TSCA REGULATORY: All ingredients are listed in TSCA inventory

CALIFORNIA PROPOSITION 65

Chemical Name	Wt.%	Listed
Colorants	0-3%	Cancer

16. OTHER INFORMATION

REASON FOR ISSUE: GHS SDS format

APPROVED BY: Product Stewardship

PREPARED BY: Product Steward **Date Prepared:** 03/26/2015

INFORMATION CONTACT: 517-223-5000
