

**FP INTERNATIONAL
1090 MILLS WAY
REDWOOD CITY, CALIFORNIA 94063-3120
Tel: 650 364-1145 Fax: 650 361-1713**

MATERIAL SAFETY DATA SHEET *

1. **PRODUCT NAME** **FLO-PAK[®] POLYSTYRENE LOOSEFILL**
- EFFECTIVE DATE: JANUARY 1, 1998
- MANUFACTURER'S NAME: FP INTERNATIONAL
(Free-Flow Packaging International, Inc.)
- EMERGENCY PHONE NO.: CHEMTREC: (800) 424-9300
2. **INGREDIENTS/IDENTITY INFORMATION**
- | | <u>CAS #</u> | <u>COMPOSITION</u> | <u>PEL</u> | <u>TLV</u> |
|--------------|--------------|--------------------|------------|------------|
| POLYSTYRENE: | 9003-53-6 | >95% by wt. | NA | NA |
3. **PHYSICAL/CHEMICAL CHARACTERISTICS**
- BOILING POINT: Not applicable
- VAPOR PRESSURE: Not applicable
- VAPOR DENSITY: Not applicable
- SPECIFIC GRAVITY: 0.003 (bulk)
- MELTING POINT: 185-221^oF
- EVAPORATION RATE: Not applicable
- SOLUBILITY IN WATER: None
- APPEARANCE: White, light brown or multicolored expanded foam
figure-8 shaped particles
- ODOR: None
4. **FIRE AND EXPLOSION HAZARD DATA**
- FLASH POINT: Not applicable
- FLAMMABLE LIMITS: Not applicable

FIRE AND EXPLOSION HAZARDS:

Emits dense black smoke when burned.

EXTINGUISHING MEDIA:

Water fog, dry chemical

FIRE FIGHTING PROCEDURES:

Use positive-pressure, self-contained breathing apparatus. Apply large volume of water directly on flame and burning surface.

5. **REACTIVITY DATA**

STABILITY:

Material is stable but will soften and melt at temperatures above 185°F.

INCOMPATIBLE MATERIALS:

Aromatic solvents and chlorinated hydrocarbons

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

Generates black soot, smoke, carbon monoxide and carbon dioxide on burning.

HAZARDOUS POLYMERIZATION:

Will not occur.

CONDITIONS/HAZARDS TO AVOID:

Heat, sparks and flames

6. **HEALTH HAZARD DATA**

Polystyrene is considered an inert, harmless material, which presents no health problems when used under normal conditions. Dust particles may cause eye irritation due to mechanical action. Wash eyes with water.

CARCINOGENICITY:

No

OSHA REGULATED:

No

INGESTION:

Should not be ingested or used in direct contact with food products.

7. **PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED:

Sweep up and reuse or discard.

WASTE DISPOSAL METHOD:

Recycle or dispose in approved landfill.

STORAGE PRECAUTIONS:

Store away from open flame or any other ignition source in well-ventilated area.

8. **CONTROL MEASURES**

RESPIRATORY PROTECTION:

None required.

EYE PROTECTION:

Safety glasses recommended.