



**MULTI•PLASTICS. INC.**

7770 N. Central Drive  
Lewis Center, OH 43035  
740-548-4894 Fax: 740-548-5177  
www.multi-plastics.com

**MATERIAL SAFETY DATA SHEET**

KAMA CORPORATION, Hazelton, PA 18201  
PRODUCT NAME: Polystyrene

Effective Date: July 28, 1994

**1. INGREDIENTS:**

Polystyrene CAS#9003-53-6 100%  
Substances listed in the ingredient's section are those identified as being present at a concentration of 1% or greater, cited in OSHA Hazard Communication Standard. Where proprietary ingredient shows, the identity of this substance may be made available as provided in 29 CFR 1910.1200 (1).

**2. PHYSICAL DATA**

Boiling Point:	Not Applicable
Vapor Pressure:	Not Applicable
Vapor Density:	Not Applicable
Solubility in Water:	Not Applicable
Specific Gravity:	1.05 gms/.cub.cm
Appearance:	Solid
Odor:	None

**3. FIRE AND EXPLOSION HAZARD DATA:**

Flash Point:	None
Method Used:	Not Applicable

Flammable Limits  
LFL: Not Applicable  
UFL: Not Applicable  
Extinguishing Media: Water, foam, alcohol foam, CO2, dry chemical  
Fire and Explosion Hazards: Dense black smoke emitted when burned without sufficient oxygen.  
Fire Fighting Equipment: Wear positive pressure self-contained breathing equipment apparatus in any closed space.

#### **4. REACTIVITY DATA:**

Stability: (Condition to avoid) Temperature over 300 degrees C release combustible gases.

Incompatibility: (Specific materials to avoid) None.

Hazardous Decomposition Products: Smoke and noxious gas (Carbon Monoxide and Hydrocarbons).

Hazardous Polymerization: Will not occur.

#### **5. ENVIRONMENTAL AND DISPOSAL INFORMATION:**

Actions to take for spills/leaks: Sweep up and discard.

Disposal Method: Bury in landfill or burn in adequate incinerator according to all applicable Federal, State and Local regulation.

#### **6. HEALTH HAZARD DATA:**

Eye: Solid or dusts may cause irritation or corneal injury due to mechanical action.

Skin Contact: Mechanical injury only.

Ingestion: May be an obstruction if swallowed. Single dose oral toxicity is believed to be considered physiologically inert.

Inhalation: Vapors are unlikely due to physical properties. Dust may cause irritation to upper respiratory tract.

#### **7. FIRST AID:**

Eyes: Irrigate immediately with water for at least 5 minutes. Mechanical irritation only.

Skin: No adverse effects anticipated by this route of exposure.

Ingestion: No adverse effects anticipated by this route of exposure.

Inhalation: No adverse effects anticipated by this route of exposure.

#### **8. HANDLING PRECAUTIONS:**

Exposure guidelines: None established.

Ventilation: Good general ventilation sufficient for most conditions.

Respiratory Protection: In dusty atmospheres, use an approved dust respirator.

Skin Protection: No precautions other than clean body-covering clothing should be needed.

Eye Protection: Use safety glasses.

#### **9. ADDITIONAL INFORMATION:**

Special precautions to be taken in handling storage; practice reasonable care and caution in the handling of this product. Avoid breathing dust if generated.

This information herein is given in good faith, but no warranty, expressed or implied is to be made. Consult KAMA Corporation for further information.