



# AMERICAN PLASTICS

800-772-7401

## Material Safety Data Sheet

**SUPPLIER NAME:** AMERICAN PLASTICS (800)772-7401  
525 113th STREET ARLINGTON, TX 76011

**COMMERICAL PRODUCT NAME:** SUREFORM™  
VARIOUS COLORS  
**Typical Uses:** Sheet for Thermoforming

**CHEMICAL CONSTITUTION OF PRODUCT:** Polyethylene

### PHYSICAL PROPERTIES:

**Boiling Point:** N/A  
**Density:** 0.926 - 0.934  
**Vapor Pressure:** N/A  
**Solubility in Water:** Insoluble  
**Melting Point:** 527 - 536°F (135 - 138° C)  
**Form:** Powdery Solids  
**Appearance:** Sheets  
**Color:** White (Various Colors)  
**Odor:** Odorless

### STORAGE AND HANDLING:

**Precautions During Storage and Handling:** No unusual precautions necessary when storing or handling this material .

**Hazardous Combustion and Decomposition Products:** Thermal decomposition may generate carbon monoxide and carbon dioxide. Avoid over-heating this material. Hazardous polymerization will not occur.

**Disposal Procedures:** Dispose of in accordance with local, state and federal regulations.

**Individual Preventive Measures:** Use local exhaust ventilation.  
Eye Contact: It is recommended that protective eye wear be worn.  
Skin Contact: Heated material can cause thermal burns. Use of protective gloves/clothing is good practice.  
Inhalation: Use of local exhaust ventilation is recommended. If respiratory protection is used, it should be a NIOSH approved dust respirator.

Ingestion: No significant health hazards identified.

### IGNITION AND EXPLOSION:

**Flash Point:** N/A  
**Auto-Ignition Temperature:** >662° F (350° C)  
**Special Fire, Explosion Hazard:** Emits toxic fumes under fire conditions. Fine powder may present dust explosion hazard.  
**Extinguishing Media:** Water spray, dry chemical, foam or carbon dioxide.  
**Special Fire Fighting Instructions:** Use self-contained breathing apparatus and full protective clothing.



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**SUREFORM™ MSDS CONTINUED**

**FIRST AID PROCEDURES:**

Eye: Flush eyes thoroughly with water for 15 minutes. If irritation or other symptoms occur, consult a physician.

Skin: Wash exposed skin with soap and water. Do not try to remove hot plastic from skin. Removal could result in severe tissue damage. Consult a physician.

Inhalation: Treat as a nuisance dust. If problems persist, get medical attention.

Ingestion: Consult physician.

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**ENVIRONMENT PROTECTION:**

To be disposed of in accordance with the appropriate legislation.

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**SPECIFIC DATA:**

Transport: not regulated.