MATERIAL SAFETY DATA SHEET

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
Trade Name: PRIMEX PLASTICS PRIME IMPAX POLYSTYRENE SHEET (High Impact Styrene Sheet)
Supplier: PRIMEX PLASTICS CORPORATION Emergency Response Number
1235 NORTH "F" STREET (800) 222 - 5116
RICHMOND, INDIANA 47374

Section 2. Composition and Information on Ingredients
CAS Number Chemical Name
9003-55-6 Polystyrene
9003-53-8 Modified Polystyrene

Section 3 Hazard Identification
Emergency Overview
The Polystyrene sheet is not expected to be an inhalation hazard under normal processing conditions. If the material is processed under prolonged exposure to flame or high temperature, thermal burns to the skin may occur and toxic gases produced may irritate the respiratory system.

Potential Health Effects
Eye, skin and inhalation due to exposure to flame (molten plastic).

Primary Routes of Exposure
Routes of entry could include eye, skin, and inhalation due to exposure to flame (molten plastic).

Potential Environmental Effects
If processed scrap is controlled by the customer, no negative ecological effects are expected.

Section 4 First-Aid Measures
Inhalation
Remove affected individual to fresh air, seek medical attention if difficulties in breathing occur.

Skin
If skin has contact with molten material, place affected area under cold running water. Seek medical attention for removal of material from the affected area.

Eyes
If there is contact to the eyes with molten material, rinse with plenty of water and seek immediate medical attention. If plastic fines enter the eye, rinse with water for 15 minutes and seek immediate medical attention if irritation develops.

Section 5 Fire-Fighting Measures
Suitable Extinguishing Media Dry extinguisher, water, carbon dioxide, foam

Protective Equipment for Fire-Fighting
Firefighters should be equipped with self-contained breathing apparatus.

Hazardous Combustion Products
During a fire, Carbon Oxides and soot may be generated by combustion and thermal decomposition of the material.

Section 6 Accidental Release Measures
The Polystyrene material in sheet form is not applicable for this section.

Section 7 Handling and Storage
Handling
Protect against flame and intense heat.

Storage
Store in well ventilated area, avoid extreme heat and any source of ignition or open flame.
Section 7 Handling and Storage Continued
Secondary Use / Reprocessing
When reprocessing material for secondary use, ground all handling equipment. Keep material and dust produced away from high heat and flame. Use good housekeeping practices when reprocessing material.

Section 8 Exposure Controls and Personal Protection
Personal Protective Equipment

Respiratory Protection
During processing respiratory protection may not be necessary if ventilation is adequately provided. At excessive processing temperature, breathing protection may be required.

Hand Protection
Gloves may be required when processing the sheet due to sharp edges and when plastic is in the molten state.

Eye Protection
Safety glasses with side-shields are recommended.

General
Avoid contact with molten material on the skin, eyes and clothing. Handle product in accordance with good industrial hygiene and safety practices.

Section 9 Physical and Chemical Properties
Physical State and Appearance
Solid Polystyrene sheet

Molecular Formula
(-CH(C6H5)-CH2-)x

Melting/Freezing Point
>132.22 deg. C (270 deg. F)

Specific Gravity
1.02 - 1.08 (water = 1)

VOC 0 (%)

Section 10 Stability and Reactivity
Stability and Reactivity
This product in the finished state (sheet) is stable. Avoid temperatures of 600 deg. F (316 deg. C) or above.

Incompatibility with Various Substances
Reactive with strong oxidizing agents

Hazardous Decomposition Products
Hazardous decomposition Products are Carbon Monoxide, Carbon Dioxide and various hydrocarbons. Chemicals that are released from exposure to extremely high temperatures (600 deg. F or higher) include Styrene Moner, Benzene, and other hydrocarbons.

Section 11 Toxicological Information
Chronic Effects on Humans
Carcinogenic Effects - classified none by NTP, none by OSHA.

Other Toxic Effects on Humans
In plastic sheet form, not considered dangerous to humans.

Section 12 Ecological Information
No information is available, but no ecological hazard is suspected.
Section 13 Disposal Considerations
Waste Information
Transfer to an approved disposal area in accordance with federal, state and local regulations.

Section 14 Transport Information
DOT Classification
Not a DOT controlled material, (US).

Marine Pollutant
Not available but not suspected.

Special Provision for Transport
None listed.

TDG Classification
Not controlled under TDG, (Canada).

ADR/RID Classification
Not controlled under ADE, (Europe).

IMO/IMDG Classification
Not controlled under IMDG.

ICAO/IATA Classification
Not controlled under IATA.

Section 15 Regulatory Information
HCS Classification
Not controlled under HCS (US).

U.S. Federal Regulations
TSCA (Toxic Substance Control Act): This product is listed on the TSCA Inventory.
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: No products were found.
SARA 311/312 MSDS distribution - chemical inventory - Hazard identification: No products were found.
SARA 313 Toxic Chemical Notification and release reporting: No products were found.
Clean water act (CWA) 307: No products were found.
Clean water act (CWA) 311: No products were found.
Clean air act (CAA) 112 accidental release prevention: No products were found.
Clean air act (CAA) 112 regulated flammable substances: No products were found.
Clean air act (CAA) 112 regulated toxic substances: No products were found.

International Regulations
WHNIS (Canada)
Not controlled under WHMIS, (Canada).
CEPA DSL: Polystyrene sheet (General Purpose).
EINECS Not available.
DSCL (EEC)
Not controlled under DSCL, (Europe).

International Lists Not available.

State Regulations
No products found. No proposition 65 chemicals present at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.
Section 16 Other Information
Hazardous Material Information System (U.S.A)
Health 1
Fire Hazard 1
Reactivity 0
Personal Protection

Polystyrene Date Prepared: June 14, 2004

The information listed within this MSDS is solely designated for the finished processed sheet. The information listed is, to the best of our knowledge, accurate and reliable. However, there is no warranty or guarantee that can be made to its accuracy, reliability or completeness. Primex will not accept liability for any loss or damage that may occur from the use of this information.

Prepared and Approved By: David Wolf
Approval date: August 25, 2004