



MATERIAL SAFETY DATA SHEET

SECTION I IDENTIFY

TRADENAME Crystal Polystyrene #'s 390, 392, 375, 395, 370
FAMILY/CHEMICAL NAME Polystyrene
CAS NO 9003-53-6

SECTION II HAZARDOUS INGREDIENTS

NONE

SECTION III SHIPPING INFORMATION

D.O.T. PROPER SHIPPING NAME N/A
D.O.T. HAZARD CLASS / ID # N/A

US SURFACE FREIGHT CLASSIFICATION:

TRUCK - PLASTIC MATERIALS, NOI, PELLETS
RAIL - POLYSTYRENE, PLASTICS, SYNTHETIC
OTHER THAN LIQUIDS

REPORTABLE QUANTITY - UNDER CLEAN WATER ACT 40 CFR 117 THIS
PRODUCT DOES NOT CONTAIN ANY REPORTABLE HAZARDOUS MATERIALS

D.O.T. LABEL N/A

SECTION IV PHYSICAL PROPERTIES

BOILING POINT/RANGE N/A MELTING POINT N/A
FREEZING POINT N/A MOLECULAR WEIGHT N/A
SPECIFIC GRAVITY VAPOR PRESSURE N/A
H2O = 1 1.05 VAPOR DENSITY N/A
SOLUBILITY IN H2O NONE EVAPORATION RATE N/A
APPEARANCE AND ODOR Colorless and odorless pellets

SECTION V FIRE AND EXPLOSION

FLASH POINT N/A

FLAMMABLE LIMITS NONE

EXTINGUISHING MEDIA: Water Spray, CO2, Dry Chemical, Foam, Earth or Sand.

SPECIAL FIREFIGHTING PROCEDURES: Use self-contained breathing apparatus when fighting fire in area with restricted ventilation.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No Unusual Hazards.
Carbon Monoxide, Carbon Dioxide and undefined organics can be formed.

SECTION VI WASTE DISPOSAL METHODS

Bury in approved landfill or incinerate in accordance with local regulations. Sweep or scoop up or use an industrial vacuum.

SECTION VII REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong Oxidizers

CONDITIONS CONTRIBUTING TO INSTABILITY: Temperature over 300 Degrees C releases combustible gases.

HAZARDOUS DECOMPOSITION: Organics of unknown chemical composition.

CONDITIONS TO AVOID: High uncontrolled heat.

SECTION VIII TOXICITY

Polystyrene is non hazardous according to the US OSHA Hazard Communication Standard, 29 CFR 1910 1200 or any state or municipality right to know regulations.

American Polymers Polystyrenes comply with FDA requirements as they are set forth in the code of Federal Regulations, Title 21 Part 177 1640.

Toxic Substance Control Act (TSCA): This product is in compliance with all rules and orders of TSCA.

SECTION IX EFFECTS OF EXPOSURE

SKIN IRRITATION: None

EYE IRRITATION: None

OTHER: Polystyrene will emit fumes during processing which may cause temporary dizziness and or nausea. Styrene detectable at 0.15 PPM.

SECTION X EMERGENCY FIRST AID

INGESTION Low in Toxicity. Induce vomiting if large amounts are ingested.

DERMAL Wash with soap and flowing water.

EYE CONTACT Irrigate eye immediately for 5 minutes with flowing water.

INHALATION Remove to fresh air if effects occur.

VENTILATION Approved respirator as required if dust is a problem.

EYE: Goggles HAND: Work gloves OTHER: None

RESPIRATOR: Use only NIOSH/MESA to filter dust, fume, mist.

SECTION XII PRECAUTIONS

Avoid breathing dust.

Treat as a combustible solid. Bond and ground transfer equipment to avoid static electricity discharges and possible dust explosions.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the hereof. American Polymers, Inc. assumes no responsibility for injury to the vendee or third party proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, the vendee assumes the risk in application.