MATERIAL SAFETY DATA SHEET

Product Name: MODIFIED EXPANDED POLYSTYRENE

Part #:N/A

SECTION I SUPPLIER INFORMATION

Common Name : MODIFIED EPS
Chemical Name : POLYSTYRENE THERMOPLASTIC POLYMER
Formula/CAS : (C8 H8)X/9003-53-6

Supplier : FOAM FABRICATORS, LTD. Supplier #:3264
Address : 950 PROGRESS BLVD.
City, St, Zip: NEW ALBANY, IN 47150 Phone: 812-948-1696

********** EMERGENCY PHONE #: 812-948-1696 **********

Date Issued: 04-17-1989 Date Entered: 06-30-2009

Date Revised: 06-30-09

SECTION II INGREDIENT INFORMATION

CAS#: 109-66-0 PENTANES (2%)
PEL: TLV: STEL:

CAS#: N/A FLAME RETARDANTS (.6%)
PEL: NONE LISTED TLV: NONE LISTED STEL: NONE LISTED

CAS#: 9003-53-6 POLYSTYRENE (96.3%)
PEL: TLV: STEL:

CAS#: N/A SURFACTANTS (.4%)
PEL: TLV: STEL:

CAS#: N/A EXTERNAL & INTERNAL LUBRICANTS (.4%)
PEL: TLV: STEL:

SECTION II INGREDIENT INFORMATION is continued on the next page.

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SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point : N/A
Specific Gravity (H2O = 1) : .012 TO .049
Melting Point: SOFTENS AT 180 DEG F. TO 215 DEG. F
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
Evaporation Rate (Butyl Acetate=1): NONE
Solubility/Water: INSOLUBLE

********** APPEARANCE AND ODOR **********

FORM: CELLULAR FOAM
COLOR: WHITE
ODOR: VERY SLIGHT - NONE; HYDROCARBON ODOR

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: 720 DEG. F (ASTM D-1929)
Auto-Ignition: 880 DEG. F
LEL: N/A
UEL: N/A

********** HMIS HAZARD CLASSIFICATION SYSTEM **********

Flammable:0 Health:1
Reactivity:0 Special:E

********** EXTINGUISHING MEDIA **********

WATER FOG, CARBON DIOXIDE, FOAM, AND DRY CHEMICAL

********** SPECIAL FIRE FIGHTING PROCEDURES **********

USE APPROVED SELF-CONTAINED BREATHING APPARATUS RESPIRATOR AND APPROVED PERSONAL PROTECTIVE CLOTHING.

********** UNUSUAL FIRE AND EXPLOSION HAZARDS **********

FIRE GIVES OFF DENSE BLACK SMOKE.

SECTION IV FIRE & EXPLOSION HAZARD DATA is continued on the next page.

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SECTION V REACTIVITY DATA

Stability? PRODUCT IS STABLE.

Avoid: AVOID SMALL OR LARGE FIRES AND HIGH TEMPERATURES.

********** INCOMPATIBILITY (Materials to Avoid) **********

HYDROCARBONS, ESTERS, INSECTICIDES, AMINES, AND ALDEHYDES.

********** HAZARDOUS DECOMPOSITION OR BY-PRODUCTS **********

CARBON MONOXIDE, CARBON DIOXIDE, CARBON, AND WATER.

Polymerization? NONE

Avoid: N/A

SECTION VI HEALTH HAZARD DATA

********** ADDITIONAL INFORMATION **********

GENERAL: NORMAL HANDLING WOULD NEVER EXPOSE OPERATING PERSONNEL TO PENTANE LEVELS ABOVE PUBLISHED HEALTH LEVELS.

********** CARCINOGENICITY **********

NTP? N/A IARC? N/A OSHA? N/A

ADDITIONAL INFORMATION

SECTION VI HEALTH HAZARD DATA is continued on the next page.

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********** ACUTE AND CHRONIC HEALTH HAZARDS **********

EYE CONTACT: DUST OR PARTICLES MAY CAUSE MECHANICAL IRRITATION.

INHALATION: N/A

SKIN CONTACT: IF IRRITATION OCCURS, HAVE TREATED BY A PHYSICIAN AS CONTACT DERMATITIS OR ABRASION.

INGESTION: BIOLOGICALLY INERT. EXTREMELY UNLIKELY ROUTE OF ENTRY.

SYSTEMIC & OTHER EFFECTS: NONE

********** SIGNS AND SYMPTOMS OF EXPOSURE **********

EYE CONTACT: DUST OR PARTICLES MAY CAUSE MECHANICAL IRRITATION.

INHALATION: N/A

SKIN CONTACT: IF IRRITATION OCCURS, HAVE TREATED BY A PHYSICIAN AS CONTACT DERMATITIS OR ABRASION.

INGESTION: BIOLOGICALLY INERT. EXTREMELY UNLIKELY ROUTE OF ENTRY.

SYSTEMIC & OTHER EFFECTS: NONE

********** MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE **********

NONE KNOWN

********** EMERGENCY AND FIRST AID PROCEDURES **********

EYES: IRRIGATE WITH WATER TO WASH OUT ANY PARTICLES.

SECTION VI HEALTH HAZARD DATA is continued on the next page.

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INHALATION: NONE

SKIN: WASH WITH SOAP AND WATER TO REMOVE ANY PARTICLES.

INGESTION: NOTIFY MEDICAL PERSONNEL.

TOXICITY DATA: ORAL: NONE
DERMAL: NONE

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

DOT Classification: N/A

********* STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED *********

NONE LISTED.

REPORTABLE QUANTITY: NONE (NOT REGULATED)

************************** WASTE DISPOSAL METHOD **************************

RECYCLE, INCINERATE, OR LANDFILL PER LOCAL AND STATE REGULATIONS.

********** PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE **********

NONE LISTED.

************************** OTHER PRECAUTIONS **************************

NONE LISTED

SECTION VIII CONTROL MEASURES

********** RESPIRATORY PROTECTION **********

DUST MASKS NEEDED WHEN FABRICATING WITH SAWS OR FABRICATING EQUIPMENT.

SECTION VIII CONTROL MEASURES is continued on the next page.

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********** VENTILATION **********

Local Exhaust: N/A
Special Exhaust: N/A
Mechanical Exhaust: N/A
Other: USE POSITIVE VENTILATION AND PROVIDE ELECTROSTATIC BONDING AND GROUNDING OF EQUIPMENT.
Gloves: NONE UNDER NORMAL CONDITIONS.
Eye Protection: ANSI-APPROVED SAFETY GLASSES WITH SIDE SHIELDS, WHEN FABRICATING.

********** CLOTHING **********

N/A

********** WORK/HYGIENE PRACTICES **********

USE POSITIVE VENTILATION.
DO NOT SMOKE OR EAT IN PROCESS AREA. AVOID SPARK PRODUCING EQUIPMENT, MATERIAL DEVICES, OPEN FLAMES,AND HIGH TEMPERATURES.

AVOID SPARK PRODUCING EQUIPMENT, MATERIAL HANDLING DEVICES, OPEN FLAMES, AND HIGH TEMPERATURES.

********** MISCELLANEOUS INFORMATION **********

CONSULT ORIGINAL MSDS FOR ADDITIONAL INFORMATION. TRANSPORTATION REQUIREMENTS: NOT A D.O.T. "HAZARDOUS MATERIAL" ENVIRONMENTAL HAZARDS: SEWER/WATERWAY OBSTRUCTION: FISH MAY EAT BEADS AND OBSTRUCT THEIR DIGESTIVE TRACT. THE INFORMATION CONTAINED HEREIN IS PROVIDED FOR GENERAL REFERENCE PURPOSES ONLY. BY PROVIDING THE INFORMATION CONTAINED HEREIN, FOAM FABRICATORS, LTD. MAKES NO GUARANTY OR WARRANTY, AND DOES NOT ASSUME ANY LIABILITY, WITH RESPECT TO THE ACCURACY OR COMPLETENESS OF SUCH INFORMATION, OR THE PRODUCT RESULTS IN ANY SPECIFIC INSTANCE, AND HEREBY EXPRESSLY DISCLAIM ANY IMPLIED WARRANTIES OF WHATSOEVER, EXPRESSED OR IMPLIED.

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