Premier Industries, Inc.
dba Insulfoam
Material Data Safety Sheet

I. PRODUCT INFORMATION *Effective date 1/1/2005*

Product :	Insulfoam Molded EPS Products, R-TECH
Synonyms :	Molded Expanded Polystyrene (MEPS)
Product Grades :	Type I, VIII, II, and IX (modified)
Chemical Family :	Polystyrene Thermoplastic
CAS Registry No. :	9003536
CAS Name :	Benzene, Ethenyl, Homopolymer
Formula :	$(C_8 H_8)$ n
TSCA Inventory Status :	Listed

Hazard Rating			
0 = Minimal	3 = Serious	**Health**	0
1 = Slight	4 = Severe	**Fire**	2
2 = Moderate		**Reactivity**	0

(Contact:) Premier Industries, Inc.
dba Insulfoam
1019 Pacific Avenue, Suite 1501
Tacoma, Washington 98402-4483
(253) 572-5111 FAX (253) 383-7100

II. INGREDIENTS

Hazardous Components:	*CAS Registry No.:*	*Approx. Weight Percentage:*
Pentane	109660	<2%
Bromine Flame Retardant	3194-55-6	<1%
Polymeric Film		1-3%
Non-Hazardous Components:	***CAS Registry No.:***	***Approx. Weight Percentage:***
Polystyrene	9003536	>92%

III. PHYSICAL DATA

Form :	Rigid cellular foam blocks, boards and shapes	***Specific Gravity (Water = 1) :***	<1
Color :	White	***Volatile by Volume :***	<1.8% (Pentane & Water)
Odor :	Very slight pentane	***Vapor Pressure :***	N/A
Boiling Point :	N/A	***Vapor Density (Air = 1) :***	N/A
Melting Point :	N/A (Softening begins @ 160° F)	***Evaporation Rate :***	None
		Solubility in Water :	Insoluble
		Density :	0.6 pcf to 3 0 pcf

IV. FIRE & EXPLOSION DATA

Flash Pt. and Method Used :	610° F min (ASTM D1929)
Special Fire Fighting Instructions :	Use approved self-contained breathing apparatus respirator and personal protective clothing (Turn out gear)
Extinguishing Media :	Water fog, carbon dioxide, dry chemical, foam
Autoignition Temperature :	850° F min.
Unusual Fire & Explosion Hazards :	If exposed to fire, high heat will develop and may produce dense black smoke. Dust generated by fabrication i.e sanding, sawing, etc., will increase fire hazard and should be handled accordingly.

V. REACTIVITY DATA

Stability (Conditions to Avoid) :	Stable. Avoid fire and high temperatures.
Incompatibility (Materials to Avoid) :	Will dissolve in most organic solvents, and some insecticides, aldehydes, and amines.
Hazardous Decomposition :	CO, CO_2, H_2O and Hydrogen Bromides
Hazardous Polymerization :	None