

MATERIAL SAFETY DATA SHEET

STYRENE

EFFECTIVE DATE	Unknown
REVISED DATE	September 20, 2011
TRADE NAME	Styrene
CHEMICAL FAMILY	
CHEMICAL FORMULA	Polystyrene
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	
SECTION III - PHYSICAL DATA	
BOILING POINT (F)	
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	less than .5%
MELTING POINT	210° F
VAPOR PRESSURE (mmHg)	
VAPOR DENSITY (Air=1)	
SOLUBILITY IN H ₂ O	Negligible
APPEARANCE / ODOR	
SPECIFIC GRAVITY (H ₂ O=1)	1.03 - 1.10 General Grades / 1.10 - 1.20 FR Grades
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT	N/A
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	Dry chemicals, carbon dioxide, water or foams Self-contained breathing apparatus and full-protective clothing
UNUSUAL FIRE HAZARD	Once ignited will burn with intense heat and dense black smoke will evolve.
SECTION V- HEALTH HAZARD DATA	
HEALTH HAZARD	None
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	
SECTION VI - REACTIVITY DATA	
CHEMICAL STABILITY	
CONDITIONS TO AVOID	



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SECTION VI - REACTIVITY DATA - CONTINUED	
INCOMPATIBLE MATERIALS	
DECOMPOSITION PRODUCTS	
HAZARDOUS POLYMERIZATIONS POLYMERIZATION AVOID	
SECTION VII - SPILL OR LEAK PROCEDURE FOR SPILL	
WASTE DISPOSAL METHOD	Dispose of in a licensed landfill or by incineration in accordance with federal, state and local regulations
SPECIAL VIII - SPECIAL PROTECTION	
RESPIRATORY PROTECTION	Not normally required if proper ventilation techniques are followed and material is not heated above 475° F
VENTILATION	Provide effective exhaust ventilation to draw dust or fumes away from workers
PROTECTIVE GLOVES	Safety gloves are recommended
EYE PROTECTION	Safety glasses
OTHER PROTECTIVE EQUIPMENT	Proper attire
SECTION IX - SPECIAL PRECAUTIONS	
HAZARD CLASS	
DOT SHIPPING NAME	
REPORTABLE QUANTITY (RQ)	
UN NUMBER NA#	
NA#	
PACKAGING SIZE	

Notes:

All information recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. It is the user's responsibility to determine the Safety, Toxicity and suitability of his/her own use, handling and disposal request. Since actual use by others is beyond our control, no warranty, expresses or implied, is made by Polymer Plastics Company L.C. as to effects of such use. The results to be obtained or the safety and toxicity of the product, nor does Polymer Plastics Company L.C. assume any liability arising out of use by others of the product referred to herein. The data in this MSDS relate only to the specific material designated herein and do not relate to use in combination with any other material or in any other process.

REFERENCES: N/A = Not Applicable, N/D = Not Determined, N.D.A. = No Date Available



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