

MATERIAL SAFETY DATA SHEET

PART NUMBER: 8450F
IDENTITY: RESIN
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DATE REVISED: 01/26/11
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REVISED BY: T. PHILLIPS

SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS	%	OSHA PEL	ACGI H TLV	OTHER LIMITS RECOMMENDED
SULFONATED DIVINYLBENZENE STYRENE COPOLYMER, H ION FORM (CAS # 39389-20-3)	100			
NON-HAZARDOUS INGREDIENTS TOTAL	100			

No health hazard or other information is available for the solution or mixture. The following sections are based on information obtained from http://www.rohmhaas.com/ionexchange/IP/119wet_msd.htm and our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	100°C
SPECIFIC GRAVITY (H ₂ O = 1)	1.26-1.30
VAPOR PRESSURE (mm Hg/TEMPERATURE)	17 mm Hg @ 20°C
MELTING POINT	0°C
VAPOR DENSITY (AIR = 1)	N/A
EVAPORATION RATE (= 1)	Less than 1
SOLUBILITY IN WATER	Insoluble
WATER REACTIVE	N/A
APPEARANCE AND ODOR	Beads, pugniant odor

SECTION 3--FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD USE	N/A
AUTO IGNITION TEMPERATURE	400°C
FLAMMABILITY LIMITS IN AIR BY VOLUME	N/A
LEL	N/A
UEL	N/A
EXTINGUISHER MEDIA	CARBON DIOXIDE-DRY CHEMICAL- WATER SPRAY
SPECIAL FIRE FIGHTING PROCEDURE	WEAR NIOSH APPROVED RESPIRATOR
UNUSUAL FIRE AND EXPLOSION HAZARD:	GENERATES TOXIC FUMES WITH SULFUR OXIDES

SECTION 4--REACTIVITY HAZARD DATA

STABILITY	STABLE <u>X</u>	UNSTABLE <u> </u>
CONDITIONS TO AVOID:	SULFUR OXIDES	
INCOMPATIBILITY MATERIALS TO AVOID:	STRONG OXIDIZING AGENTS AND NITRIC ACID CONC.	
HAZARDOUS DECOMPOSITION PRODUCTS:	MONOMER VAPORS-SULFUR OXIDES	
HAZARDOUS POLYMERIZATION:	MAY OCCUR <u> </u>	WILL NOT OCCUR <u>X</u>
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID:	N/A	

