



Hampford Research INC
Handcrafted Solutions For A High-Tech World

TECHNICAL DATA SHEET
BIS HEMA PHOSPHATE (NOTE #1)

PRODUCT INFORMATION

NAME:	Bis HEMA Phosphate
CHEMICAL NAME	Bis [2-(methacryloyloxy) ethyl] phosphate
CAS NO:	32435-46-4
HRI CODE:	FP5030
REGISTRATIONS:	TSCA, AICS, DSL, EINECS, ENCS, ECL
SHELF LIFE:	6 months when stored indoor at 25(+/-5) degC

TYPICAL PROPERTIES

APPEARANCE	LIGHT YELLOW LIQUID
COLOR, APHA	<150
MOLECULAR WEIGHT	245 (AVE)
REFRACTIVE INDEX	1.4687
DENSITY @ 25°C	1.26
ACID VALUE (AVE)	270
MEHQ, INHIBITOR, PPM	500

APPLICATION: Adhesion promoting monomer, especially to copper, steel, aluminum.
Copolymerized with acrylic resins, unsaturated polyesters, and radiation cured resins at a level of 2 - 4%.

NOTE #1: Product is a mixture of methacryloyloxyethyl phosphate and bis (methacryloyloxyethyl) phosphate

For additional information visit our website www.hampfordresearch.com.

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