

PARAPLEX P-463

MSDS Number

BCPHG

National Stock Number

8030-00N008058

Product Name

PARAPLEX P-463

Manufacturer

ROHM AND HAAS COMPANY

Product Identification

Product ID:PARAPLEX P-463

MSDS Date:01/01/1987

FSC:8030

NIIN:00N008058

MSDS Number: BCPHG

Responsible Party

ROHM & HAAS COMPANY

INDEPENDENCE MALL WEST

PHILADELPHIA , PA 19105

US

Cage: FO048

Contractor

ROHM AND HAAS CO

PHILADELPHIA, PA 19106-2399

US

215-592-2521/215-592-3000

Cage: 77902

Ingredients

STYRENE, MONOMER (SARA III)

CAS: 100-42-5

RTECS: WL3675000

Fraction By Weight: 40%

OSHA PEL100 PPM

ACGIH TLV: S,50PPM/100STEL;9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Effects of Overexposure:EYES:LIQ & VAPOR CAUSE IRRIT.INHAL:RESP TRACT
IRRIT,HIGH CONC-ANESTH.SKIN:RPTD EXP CAUSES IRRITATION

First Aid

First Aid:EYES:FLUSH PROMPTLY W/COPIOUS AMTS OF H*2O FOR @ LEAST 15 MIN
& CALL PHYSICIAN. SKIN:WASH W/SOAP & H*2O. INHAL:MOVE TO FRESH
AIR,KEEP WARM,GIVE O*2/ARTIFICIAL RESPIRATION AS REQUIRED.
INGEST:DO NOT IN DUCE VOMITING.CALL PHYSICIAN PROMPTLY.

Fire Fighting

Flash Point:96F (35.5C), TOC
Lower Limits:1.1
Upper Limits:6.1
Extinguishing Media:FOAM,CO*2, DRY CHEMICAL,H*2O FOG.
Fire Fighting Procedures:USE H*2O SPRAY TO COOL FIRE-EXPOSED CONTAINERS OF PRODUCT.
Unusual Fire/Explosion Hazard:STYRENE WILL POLYMERIZE READILY @ ELEVATED TEMP & SEALED CNTNRS MAY RUPTURE EXPLOSIVELY.

Accidental Release

Spill Release Procedures:AVOID IGNITION SOURCES.DONT BREATHE VAPORS.DIKE & ABSORB SPILL W/INERT MATL(SAND,VERMICULITE,ETC.) & TRANSFER TO CNTNRS FOR DISCARD;USE NON-SPARKING TOOLS.REMOVE SATURATED CLOTHING PROMPTLY & WASH AFFECTED SKIN AREAS W/SOAP & H*2O.

Handling

Handling and Storage Precautions:STORE @ 80F OR LOWER.GROUND CONTAINERS WHEN POURING/TRANSFERRING.IF STORED INDOORS,OBSERVE USUAL PRECAUTIONS FOR MONOMERS.

Exposure Controls

Respiratory Protection:NIOSH/MSHA APPROVED SCBA DURING HIGH VAP CONCENTRATION.
Ventilation:MECHANICAL,TO KEEP VAP CONC < TLV.USE EXPLOSION-PROOF MOTORS
Protective Gloves:IMPERVIOUS GLVS
Eye Protection:CHEMICAL SPLASH GOGGLES.
Other Protective Equipment:RUBBER APRON.
Supplemental Safety and Health
VAP PRESS:6.45(STYRENE).% VOLATILE BY WT:40.VAP DENSITY,EVAP RATE,LEL,UEL FOR STYRENE. PRODUCT WAS DISCONTINUED JANUARY,1981.

Chemical Properties

Boiling Pt:B.P. Text:295F(146C)
Vapor Density:3.6
Spec Gravity:1.11
Evaporation Rate & Reference:< 1(BUTYL ACETATE)
Solubility in Water:NEGLIGIBLE
Appearance and Odor:LIGHT PURPLE LIQUID. STYRENE ODOR.

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZING & REDUCING AGENTS
Stability Condition to Avoid:HEAT & IGNITION SOURCES.
Hazardous Decomposition Products:CO,CO*2 & ACRID FUMES.
Conditions to Avoid Polymerization:HEAT & IGNITION SOURCES.

Disposal

Waste Disposal Methods:LANDFILL IAW FEDERAL,STATE & LOCAL REGULATIONS.

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