

## MATERIAL SAFETY DATA SHEET

## SECTION I - MANUFACTURERS INFORMATION

PRODUCT CODE IDENTITY: 920W962	PRODUCT NAME: HEAVY DUTY EPON COATING W
MF : COOK PAINT AND VARNISH COMPANY	DATE OF MSDS: 12/31/85
SS: P.O. BOX 389	EMERGENCY TELEPHONE: 816-391-6000
KANSAS CITY, MISSOURI 64141	INFORMATION TELEPHONE: 816-391-6003

ATTN: SAFETY AND HEALTH OFFICER  
BOONE PAINTS INC\*DANIEL  
103 NELSEN PLACE  
RENTON WA 98055

CUSTOMER NUMBER: 531723  
DATE PRINTED: 12/31/85

## SECTION II - HAZARDOUS INGREDIENTS

## ETHYLENE GLYCOL MONOPROPYL ETHER

CAS #: 2807-30-9	PERCENT: LESS THAN 5	VAPOR PRESSURE: 1.3
EXPOSURE LIMIT:	NONE ESTABLISHED	
ACGIH TLV/TWA:	MFG. RECOMMENDS: TLV/TWA 25 PPM (SKIN)	
NONE ASSIGNED:	NONE ESTABLISHED	
OSHA PEL:		

## ETHYL ACETATE

CAS #: 123-86-4	PERCENT: 10.000	VAPOR PRESSURE: 8.0
EXPOSURE LIMIT:		
ACGIH TLV/TWA:	150 PPM (710 MG/CU.M.)	
ACGIH TLV/STEL:	200 PPM (950 MG/CU.M.)	
OSHA PEL:	150 PPM (710 MG/CU.M.)	

## ETHYL ETHYL KETONE

CAS #: 78-93-3	PERCENT: 5.000	VAPOR PRESSURE: 71.0
EXPOSURE LIMIT:		
ACGIH TLV/TWA:	200 PPM (590 MG/CU.M.)	
ACGIH TLV/STEL:	300 PPM (885 MG/CU.M.)	
OSHA PEL:	200 PPM (590 MG/CU.M.)	

## ETHYLENE

CAS #: 1330-20-7	PERCENT: LESS THAN 5	VAPOR PRESSURE: 6.0
EXPOSURE LIMIT:		
ACGIH TLV/TWA:	100 PPM (435 MG/CU.M.)	
ACGIH TLV/STEL:	150 PPM (655 MG/CU.M.)	
OSHA PEL:	100 PPM (435 MG/CU.M.)	

## ETHYLENE DIOLUENE

CAS #: 108-88-3	PERCENT: LESS THAN 5	VAPOR PRESSURE: 22.0
EXPOSURE LIMIT:		
ACGIH TLV/TWA:	100 PPM (375 MG/CU.M.)	
ACGIH TLV/STEL:	150 PPM (560 MG/CU.M.)	
NONE ASSIGNED:	OSHA: 500 PPM PEAK	
OSHA PEL:	200 PPM (750 MG/CU.M.)	
OSHA PEL/CEILING:	300 PPM (1120 MG/CU.M.)	

## TITANIUM DIOXIDE (NUISANCE DUST)

CAS #: 13463-67-7	PERCENT: LESS THAN 5	VAPOR PRESSURE: N/A
EXPOSURE LIMIT:		
ACGIH TLV/TWA:	10MG/CU.M. AS DUST, 5MG/CU.M. AS FUMES	

## MAGNESIUM HYDROXIDE (HYDROUS MAGNESIUM SILICATE)

## MATERIAL SAFETY DATA SHEET

PRODUCT CODE IDENTITY: 920W962

PRODUCT NAME: HEAVY DUTY EPON COATING W

CAS #: 14807-96-6 PERCENT: 20.000 VAPOR PRESSURE: N/A

EXPOSURE LIMIT:  
ACGIH TLV/TWA: 2 MG/M3 RESPIRABLE DUST  
OSHA PEL: 20 M PPCF

SILICA, CRYSTALLINE-QUARTZ

CAS #: 14808-60-7 PERCENT: 0.326 VAPOR PRESSURE: N/A

EXPOSURE LIMIT:  
ACGIH TLV/TWA: 0.1 MG/CU.M. RESPIRABLE DUST  
OSHA PEL: 0.1 MG/CU.M. RESPIRABLE DUST

BARIUM SULPHATE

CAS #: 7727-47-7 PERCENT: 20.000 VAPOR PRESSURE: N/A

EXPOSURE LIMIT:  
ACGIH TLV/TWA: 10MG/CU.M.

## SECTION III - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE TO PRODUCT. PRIMARY ROUTES OF ENTRY ARE:

EYE CONTACT: LIQUID AND VAPOR CAN BE IRRITATING TO EYES. SYMPTOMS ARE TEARING, REDNESS AND DISCOMFORT.

SKIN CONTACT: CAN CAUSE IRRITATION. CAN CAUSE DEFATTING OF SKIN WHICH CAN LEAD TO DERMATITIS.

INHALATION: ANESTHETIC. OVEREXPOSURE CAN CAUSE IRRITATION TO UPPER RESPIRATORY TRACT. CONTINUED OVEREXPOSURE CAN LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS IF SEVERE OVEREXPOSURE IS CONTINUED: HEADACHE, DIZZINESS, NAUSEA AND LOSS OF CONSCIOUSNESS.

REPORTS HAVE ASSOCIATED REPEATED OR PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

INGESTION: SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

EMERGENCY AND FIRST AID PROCEDURES:

IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION; FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. WASH CONTAMINATED CLOTHING. THOROUGHLY CLEAN CONTAMINATED SHOES. IF AFFECTED BY INHALATION OF VAPORS OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED, GET MEDICAL ATTENTION.

OTHER HEALTH HAZARDS:

EXTENDED OVEREXPOSURE TO CRYSTALLINE SILICA DUST CAN CAUSE SILICOSIS OF THE LUNGS. WHEN INCORPORATED IN PAINTS AND PLASTICS, CRYSTALLINE SILICA IS NOT EXPECTED TO PRESENT A CHRONIC HEALTH HAZARD.

## SECTION IV - PHYSICAL DATA

BOILING POINT, DEG.F. 175

VAPOR DENSITY IS HEAVIER THAN AIR

WEIGHT PER GALLON: 12.55

EVAPORATION RATE IS SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME: 47.499