

**DISTRIBUTED BY:**

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**MATERIAL SAFETY DATA SHEET**

**PRODUCT NAME: SEAMENT, LP01**

MSDS DATE: APRIL 11, 1995

**I HAZARDOUS INGREDIENTS / SARA III INFORMATION**

**COMMON NAMES:**

METHYL ETHYL KETONE CAS #78-93-3

OSHA PEL; 200PPM, ACGIH TLV; 200 PPM, OTHER LIMITS; STEL=300PPM, % OPTION; 30-60%

XYLENE CAS #1330-20-7

OSHA PEL; 100PPM, ACGIH TLV; 100 PPM, OTHER LIMITS; STEL=100PPM, % OPTION; 5-15 %

\* INDICATES TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CRF 372. WARNING..... THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND / OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

**II PHYSICAL DATA**

**APPEARANCE & ODOR: CLEAR LIQUID WITH MILD ODOR**

BOILING POINT APPROX. 174-281F SPECIFIC GRAVITY 0.895  
WATER =1

VAPOR PRESSURE >1  
(MMHG 20C)

COATING V.O.C. : 5.36 LB/GL (643 G/L) MATERIAL V.O.C.: 5.36 LB/GL (643 G/L)

VAPOR DENSITY (AIR=1) 78

SOLUBILITY IN WATER 11.4% EVAP. RATE (BUAC=1) >1

**III FIRE & EXPLOSION HAZARD**

FLASH POINT= -21 DEG F METHOD USED: TCC

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.1% UPPER: 10.0%

SPECIAL FIREFIGHTING PROCEDURES: SELF CONTAINED BREATHING APPARATUS IS REQUIRED FOR FIRES IN ENCLOSED AREAS. WATER MAY BE UNSUITABLE AS AN EXTINGUISHING MEDIUM BUT IS HELPFUL IN KEEPING ADJACENT CONTAINERS COOL.

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

UNUSUAL FIRE AND EXPLOSION HAZARDS; KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME. VAPORS CAN CAUSE A FLASH FIRE. VAPORS MIGHT ALSO IGNITE EXPLOSIVELY.

## **IV    REACTIVITY DATA**

STABILITY; STABLE      CONDITIONS TO AVOID; HEAT SPARKS, OPEN FLAME

INCOMPATIBILITY (MATERIALS TO AVOID); STRONG OXIDIZING AGENTS, ALKALIES, HALOGENS AND MINERAL ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS; CARBON MONOXIDE / DIOXIDE, TOXIC FUMES ABOVE 180C

HAZARDOUS POLYMERIZATION; MAY NOT OCCUR

## **V    HEALTH HAZARD INFORMATION & FIRST AID PROCEDURES**

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

HIGH CONCENTRATIONS, OR PROLONGED EXPOSURE TO LOWER CONC., MAY BE IRRITATING TO MUCOUS MEMBRANES AND MAY CAUSE CNS DEPRESSION.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

LIQUID OR HIGH VAPOR CONCENTRATION CONTACT CAN BE SEVERELY IRRITATING TO THE EYES. PROLONGED OR REPEATED LIQUID CONTACT CAN RESULT IN DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

UNKNOWN. NOT LIKELY TO OCCUR.

INGESTION HEALTH RISK AND SYMPTOMS OF EXPOSURE

MODERATE CNS DEPRESSION MAY BE SHOWN BY GIDDINESS, HEADACHE, DIZZINESS, AND NAUSEA. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING AND CYANOSIS.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE: MAY CAUSE EYE, OSE RESPIRATORY TRACT, AND SKIN IRRITATION. HEADACHE, DIZZINESS, DROWSINESS AND NAUSEA ARE ALSO SYMPTOMS. CHRONIC; HIGH CONCENTRATIONS OF VAPOR MAY CAUSE NARCOSIS OR CNS DEPRESSION. LONG TERM SKIN CONTACT CAN RESULT IN IRRITATION AND DRYING OF THE SKIN. SEE ADDENDUM FOR FURTHER CHRONIC EFFECTS.

CARCINOGENICITY; NTP? NO    IARC MONOGRAPHS? NO    OSHA REGULATED? NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS. PREEXISTING EYE AND RESPIRATORY DISORDERS MAY BE AGGRAVATED.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING, IF REQUIRED. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES WITH EYELIDS OPEN. GET MEDICAL EXAM. & TREATMENT. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION. GET MEDICAL ATTENTION. NOTE TO PHYSICIAN: IF MORE THAN 2.0 ML PER KG HAS BEEN INGESTED, ENESIS SHOULD BE INDUCED.

## **VI PRECAUTION FOR SAFE HANDLING AND USE**

MATERIAL IS SPILLED / RELEASED HANDLE AS A FLAMMABLE LIQUID. REMOVE ALL IGNITION SOURCES. SOAK UP WET MATERIAL ON A NON-COMBUSTIBLE ABSORBENT AND PLACE IN A CLOSED METAL CONTAINER.

WASTE DISPOSAL FOLLOW ALL FEDERAL, STATE AND LOCAL WASTE REGULATIONS, SOLID INGREDIENTS NOT CONSIDERED HAZARDOUS.

HANDLING & STORAGE; STORE IN COOL, WELL VENTILATED AREAS AWAY FROM ANY IGNITION SOURCES AND STRONG OXIDIZING AGENTS. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. DO NOT TRANSFER TO PLASTIC CONTAINERS.

OTHER PRECAUTIONS: GROUND AND BOND METAL CONTAINERS WHEN DISPENSING. NO SMOKING IN AREAS OF USE OR STORAGE. USE ONLY NON-SPARKING TOOLS NEAR WET ADHESIVE OR SOLVENT VAPORS. SOLVENT VAPOR MUCH HEAVIER THAN AIR AND CAN COLLECT IN DANGEROUS CONCENTRATIONS IN FLOOR DRAINS OR LOW AREAS.

## **VII CONTROL MEASURES**

### **RESPIRATORY PROTECTION**

WEAR A NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE, OR A FULLFACE SUPPLIED AIR RESPIRATOR.

### **VENTILATION**

MECHANICAL VENTILATION AND / OR LOCAL EXHAUST, SUFFICIENT IN PATTERN AND VOLUME, TO MEET TLV REQUIREMENTS AND PREVENT EXPLOSIVE CONCENTRATIONS OF SOLVENT VAPORS.

### **PROTECTIVE GLOVES**

USE POLYETHYLENE OR NITRILE GLOVES IF FREQUENT SKIN CONTACT IS LIKELY.

### **EYE PROTECTION**

SAFETY GLASSES WITH SPLASH GUARDS OR SIDE SHIELDING RECOMMENDED.

### **OTHER PROTECTIVE CLOTHING OR EQUIPMENT**

EYE WASH FOUNTAIN OR BOTTLES. SOLVENT INSOLUBLE BARRIER HAND CREAM.

### **WORK / HYGIENIC PRACTICES**

DO NOT WEAR CONTACT LENSES. WASH CONTAMINATED CLOTHING BEFORE REUSE. WEAR PROTECTIVE SAFETY EQUIPMENT AS NECESSARY TO MINIMIZE CONTACT. WASH HANDS WITH SOAP AND WATER.

MSDS PREPARED BY: QUALITY CONTROL DEPT.

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