

MATERIAL SAFETY DATA SHEET FOR: **ECONOMITE**

REVISED 01-17-96

THIS MSDS COMPLIES WITH
OSHA'S HAZARD COMMUNICATION
STANDARD, 29 CFR 1910.1200.
STANDARD MUST BE CONSULTED
FOR SPECIFIC REQUIREMENTS

U.S. DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY AND
HEALTH ADMINISTRATION.
(NON-MANDATORY FORM)
FORM APPROVED BY OMB

SECTION I-PRODUCT IDENTIFICATION (AS USED ON LABEL & LIST):

ECONOMITE

MANUFACTURED BY: H.S. PALM & COMPANY, INC., 1868-B CANDY LANE, MARIETTA, GA 30060 770/427-1612

EMERGENCY TELEPHONE NUMBER: 1-800-255-3924 (CHEM-TEL)

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS: (SPECIFIC CHEMICAL IDENTITY; COMMON NAMES & CAS NUMBERS)
OSHA PEL, ACGIH TLV, %, OTHER LIMITS RECOMMENDED.

PETROLEUM NAPHTHA	UN1255	PEL=100 PPM	TLV=100 PPM	%=<60%
TETRACHLOROETHYLENE	UN1897	PEL=25 PPM	TLV=50 PPM	%=<10%
AMYL ACETATE	UN1104	PEL=25 PPM	TLV=100 PPM	%=<10%
1,2 DICHLOROBENZENE	UN1591	PEL=75 PPM	TLV=75 PPM	%=< 5%

SECTION III-PHYSICAL DATA

BOILING POINT: 138 - 144°F	SPECIFIC GRAVITY: .91
VAPOR PRESSURE(mm Hg): 10	MELTING POINT: <30°F
VAPOR DENSITY: 4.66 (AIR= 1)	EVAPORATION RATE: .68 (BUTYL ACETATE= 1)
SOLUBILITY IN WATER: INSOLUBLE.	
APPEARANCE & ODOR: LIGHT YELLOW LIQUID WITH AROMATIC ODOR.	

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC METHOD): 105°F
 FLAMMABLE LIMITS: LEL = 1.1% UEL = 7.0%
 EXTINGUISHING MEDIA: WATER, FOG, CO₂, FOAM OR DRY CHEMICAL.
 SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS SHOULD WEAR WATERPROOF PROTECTIVE CLOTHING
 AND SELF-CONTAINED POSITIVE VENTILATION RESPIRATION PROTECTION.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: DANGER OF FLOATING FIRE HAZARD.

SECTION V-REACTIVITY DATA

STABILITY: STABLE. CONDITIONS TO AVOID: HIGH TEMPERATURES.
 INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES,
 AND STRONG REDUCING AGENTS.
 HAZARDOUS DECOMPOSITION: HEAT, CO₂, CO, HCl, AND PHOSGENE.
 HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

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SECTION VI-HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: SKIN, INHALATION, EYES, INGESTION.

CARCINOGEN: NTP- NOT ON LIST.

IARC MONOGRAPHS- TETRACHLOROETHYLENE LISTED POSITIVE

ON MICE.

OSHA REGS- SEE SECTION II FOR EXPOSURE LIMITS.

SKIN: CONTACT MAY CAUSE IRRITATION, REDNESS AND BURNING SENSATION.

INHALATION: EXPOSURE MAY RESULT IN RESPIRATORY IRRITATION OR DIZZINESS.

EYES: CAUSES EYE IRRITATION AND POSSIBLE INJURY.

INGESTION: CAUSES IRRITATION OF MOUTH AND THROAT, ABDOMINAL PAIN, VOMITING AND DIARRHEA.

FIRST AID: SKIN: IMMEDIATELY WASH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. GET MEDICAL ATTENTION SHOULD IRRITATION PERSIST. WASH CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING DOES NOT RETURN TO NORMAL WITHIN A FEW MINUTES, GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH EYES WITH CLEAR RUNNING WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY, PREFERABLY AN EYE SPECIALIST. INGESTION: DO NOT INDUCE VOMITING. ADMINISTER LARGE QUANTITIES OF WATER OR MILK. GET MEDICAL ATTENTION IMMEDIATELY.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: SKIN CONTACT MAY AGGRAVATE EXISTING DERMATITIS. VAPORS MAY AGGRAVATE EXISTING ASTHMA.

SECTION VII-PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: EXTINGUISH ALL SOURCES OF FLAME OR SPARK. ABSORB WITH AN INERT ABSORBENT AND COLLECT INTO SEALABLE METAL CONTAINERS FOR DISPOSAL. DO NOT FLUSH TO SEWER OR DISCHARGE TO NATURAL WATERWAYS.

WASTE DISPOSAL METHOD: CONSIGN TO HAZARDOUS WASTE FACILITY APPROVED BY FEDERAL, STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: STORE UPRIGHT IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM ACIDS, OXIDIZERS AND ALKALIS. KEEP CONTAINER CLOSED.

OTHER PRECAUTIONS: KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN.

SECTION VIII-CONTROL MEASURES

RESPIRATORY PROTECTION: FOR GENERAL WORK AREA AND WHEN CONCENTRATIONS ARE BELOW TLV AND PEL LEVELS, USE NIOSH APPROVED CCROV OR BETTER RESPIRATOR.

VENTILATION: EXPLOSION PROOF LOCAL EXHAUST SHOULD BE USED IN ENCLOSED AREAS.

PROTECTIVE GLOVES: BUTYL GLOVES ARE RECOMMENDED FOR PROLONGED CONTACT.

EYE PROTECTION: CHEMICAL GOGGLES WITH SPLASH SHIELD.

OTHER PROTECTIVE CLOTHING: WATERPROOF APRON OVER LONG SLEEVED SHIRT AND TROUSERS.

WORK PRACTICES: DO NOT USE UNLESS EYE BATH AND SAFETY SHOWER ARE AVAILABLE IN THE WORK AREA.

WASH HANDS BEFORE EATING, DRINKING, SMOKING OR USING TOILET. USE GOOD HOUSEKEEPING PRACTICES.

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END OF MSDS: **ECONOMITE**