

REF: 95MSDS13

W176250

MATERIAL SAFETY DATA SHEET

FOX VALLEY SYSTEMS INC.
640 INDUSTRIAL DRIVE
CARY, IL 60013

SECTION I - PRODUCT IDENTIFICATION

TRADE NAME: EASY MARKER/TRIG-A-CAP MARKING CHALK BLUE

RED
YELLOW
WHITE

MFG. CODE ID: CETBE2R, CETBE2D
CETRD2R, CETRD2
CETYW2R, CETWY2D
CETCW2R, CETCW2D

PRODUCT NAME: NON-FLUORESCENT MARKING CHALKS

PRODUCT PURPOSE: TEMPORARY LINE/STRIPE MARKING

APPEARANCE: AEROSOL DISPENSING A PAIN. COLOR DEPENDANT UPON
GRADE. CHARACTERISTIC ODOR.

DATE PREPARED: JANUARY 2002.

EMERGENCY TELEPHONE: CALL LOCAL POISON CONTROL CENTER

INFORMATION TELEPHONE: (847)639-5744

SECTION II - HAZARDOUS INGREDIENTS
THRESHOLD LIMIT

INGREDIENTS	CAS NO.	PERCENT BY WEIGHT	VALUES	
			OSHA TWA	STEL PPM
ACETONE	67-64-1	50-65	750	1000
PROPANE	74-98-6	10-20	1000	NE
TOLUENE (a)	108-88-3	2-10	100	150
ISOBUTANE	75-28-5	15-20	NE	NE

NOTE: NONE OF THE ABOVE LISTED AS A CARCINOGEN IN NTP, IARC OR
OSHA 1910 (z).

- (a) THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

NE=NOT ESTABLISHED

TIME WEIGHTED AVERAGE (TWA)-THE EMPLOYEE'S AVERAGE AIRBORNE EXPOSURE IN ANY 8-HOUR WORK SHIFT OF A 40-HOUR WORK WEEK WHICH SHALL NOT BE EXCEEDED.

SHORT TERM EXPOSURE LIMIT (STEL)-THE EMPLOYEE'S 15-MINUTE TIME WEIGHTED AVERAGE EXPOSURE WHICH SHALL NOT BE EXCEEDED AT ANY TIME DURING A WORK DAY.

SECTION III - PHYSICAL CHARACTERISTICS

EVAPORATION RATE: SLOWER THAN ETHER

VAPOR DENSITY: HEAVIER THAN AIR

PERCENT VOLATILE BY VOLUME: 80

WEIGHT PER GALLON: 7.2-7.8 LBS.

BOILING RANGE: N/A

SPECIFIC GRAVITY: N/A

VAPOR PRESSURE: N/A

MELTING POINT: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: PRODUCT EXTREMELY FLAMMABLE

LEVEL 2 AEROSOL - NFPA 30B

FLASH POINT: -40F

FLAMMABLE LIMITS: LEL 1.9 UEL 8.5

AUTO IGNITION TEMPERATURE: NA

EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURE: FULL PROTECTIVE EQUIPMENT USING SELF-BREATHING APPARATUS SHOULD BE USED. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: SPRAY MIST OR VAPORS FROM CAN PER 400 CUBIC FEET OF AIR MAY REACH LOWER EXPLOSIVE LIMIT AND COULD BE IGNITED BY A FLAME OR SPARK.

	NFPA RATING		
TYPE OF PAINT	HEALTH	FLAMMABILITY	REACTIVITY
UNLEADED	2	4	0

	HMIS RATING			
TYPE OF PAINT	HEALTH	FLAMMABILITY	REACTIVITY	PERSONAL PROTECTION
UNLEADED	2	4	0	B

KEY: 0-MINIMAL HAZARD
 1 - SLIGHT HAZARD
 2. MODERATE HAZARD
 3. SERIOUS HAZARD
 4. SEVERE HAZARD
 B. SAFETY GLASSES AND GLOVES

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE

EYES: MAY CAUSE IRRITATION, REDNESS, TEARING, BLURRED VISION AND CONJUNCTIVITIS.

SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE MODERATE IRRITATION AND DEFATTING DERMATITIS.

BREATHING: EXCESSIVE INHALATION OF VAPORS MAY CAUSE HEADACHES, NAUSEA, DROWSINESS AND IRRITATION OF MUCOUS MEMBRANE OF NOSE AND THROAT.

INGESTION: MAY CAUSE NAUSEA.

EMERGENCY AND FIRST AID PROCEDURES

IN EYES: FLUSH WITH WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, OBTAIN MEDICAL ATTENTION.

ON SKIN: WASH CONTAMINATED AREA THOROUGHLY WITH SOAP AND WATER. APPLY A MOISTURIZING HAD CREAM.

IF BREATHED: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN ONLY IF TRAINED. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. KEEP PERSON WARM, QUIET AND OBTAIN MEDICAL ATTENTION.

IF SWALLOWED: ONLY INDUCE VOMITING AT THE INSTRUCTION OF A PHYSICIAN. KEEP PERSON WARM, QUIET AND OBTAIN MEDICAL ATTENTION.

OTHER: WHEN USING THIS PRODUCT, DO NOT EAT, DRINK OR SMOKE.
NOTE: FOLLOWING ANY FIRST AID, MEDICAL ADVICE SHOULD BE OBTAINED, ESPECIALLY IF SYMPTOMS PERSIST.

THRESHOLD VALUE LIMIT: SEE SECTION II.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS AND FIRE

MATERIALS TO AVOID: STRONG OXIDIZING AGENTS. ALKALI AND ALKALINE EARTH METALS SUCH AS SODIUM, POTASSIUM AND BARIUM. FINE POWDERS OF LIGHT METALS AND THEIR ALLOYS SUCH AS MAGNESIUM.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA, WIPE UP WITH INERT MATERIAL. DO NOT FLUSH INTO DRAINS. REMOVE RESIDUE WITH A SUITABLE SOLVENT CLEANER IMMEDIATELY.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS. DO NOT PIERCE OR BURN CAN EVEN AFTER USE.

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: NOT NORMALLY NEEDED IF LOCAL EXHAUST IS SATISFACTORY. IF VENTILATION IS INADEQUATE, USE AGAINST SPRAY MIST.

VENTILATION: REQUIREMENTS VARY WITH RATE OF PRODUCT USE. SUPPLEMENT VENTILATION TO KEEP BELOW OSHA AND ACGIH PERMISSIBLE LEVELS OF EACH INGREDIENT.

PROTECTIVE GLOVES: NOT APPLICABLE IN NORMAL USE. WEAR SOLVENT RESISTANT GLOVES WHERE THERE IS ANY RISK OF SKIN CONTACT.

EYE PROTECTION: RE COMMENDED.

SECTION IX - PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

CONTENTS UNDER PRESSURE. EXPOSURE TO HIGH TEMPERATURES MAY CAUSE BURSTING. AVOID STORING NEAR RADIATOR, STOVE, OPEN FLAME OR DIRECT SUNLIGHT. DO NOT INCINERATE OR PUNCTURE CAN.

DO NOT SPRAY INTO FLAMES OR INCANDESCENT MATERIAL. DO NOT SMOKE WHILE USING THIS PRODUCT OR WHERE SOLVENT VAPORS ARE PRESENT.

DOT STORAGE CATEGORY: DO NOT STORE AT TEMPERATURE ABOVE 120°F.

SECTION 313 SUPPLIER NOTIFICATION

THESE PRODUCTS CONTAIN THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 (40 CFR 372):

CAS #	CHEMICAL NAME	% BY WEIGHT UPPER BOUND CONCENTRATION
67-64-1	ACETONE	65
108-88-3	TOLUENE	10

THIS INFORMATION SHOULD BE INCLUDED IN ALL MSDSs THAT ARE COPIED AND DISTRIBUTED FOR THESE PRODUCTS.

THIS DATA SHEET IS NOT PART OF ANY CONTRACT OF SALE. THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE CORRECT OR IS OBTAINED FROM SOURCES BELIEVED TO GENERALLY RELIABLE. HOWEVER, IT IS THE RESPONSIBILITY OF THE USER OF THESE MATERIALS TO INVESTIGATE, UNDERSTAND AND COMPLY WITH LAW AND WITH PROCEDURES APPLICABLE TO SAFE HANDLING AND USE OF THESE MATERIALS. FOX VALLEY SYSTEMS, INC. SHALL NOT BE LIABLE FOR ANY LOSS OR DAMAGE DIRECTLY OR INDIRECTLY ARISING FROM THE USE OF THE PRODUCT, AND FOX VALLEY SYSTEMS, INC. ASSUMES NO OBLIGATION OR LIABILITY FOR RELIANCE ON THE INFORMATION CONTAINED HEREIN, OR OMISSIONS HEREFROM.