M A T E R I A L S A F E T Y D A T A S H E E T

PRODUCT NAME: **DISPENSING GUN FLUSH** HMIS CODES: H F R P
1 3 0 1

========== SECTION I - MANUFACTURER IDENTIFICATION ==========

MANUFACTURERED FOR: Encore Rail Systems
ADDRESS : 2350 West Midway Blvd.
Broomfield, CO 80020
EMERGENCY PHONE : (800) 424-9300 Chemtrec **DATE PRINTED** : 10/24/07
INFORMATION PHONE : 866-712-7622 **NAME OF PREPARER** : CSV

========== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION ==========

VAPOR PRESSURE WEIGHT 35%

REPORTABLE COMPONENTS METHANOL	CAS NUMBER	mm Hg @ TEMP	PERCENT
* METHANOL	67-56-1	96.0000	68.00000100

OSHA PEL: 200ppmTWA, ACGIH TLV: 200ppmTWA, OTHER: 250ppmSTEL
* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
N/A

========== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS ==========

BOILING RANGE: 178° F **SPECIFIC GRAVITY** (H2O=1): 0.90
VAPOR DENSITY: HEAVIER THAN AIR **EVAPORATION RATE:** FASTER THAN ETHER
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: CLEAR-BLUE IN COLOR, SWEET PUNGENT ODOR

========== SECTION IV - FIRE AND EXPLOSION HAZARD DATA ==========

FLASH POINT: 94° F. METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 5.50000 UPPER: 36.50000
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL
SPECIAL FIREFIGHTING PROCEDURES: WATER SPRAY ACCEPTABLE EXTINGUISHING MEDIA, FLAME MAY BE INVISIBLE IN DAYLIGHT
UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS PRODUCT WILL NOT SUPPORT COMBUSTION OR CONTINUOUS SPONTANEOUS COMBUSTION

========== SECTION V - REACTIVITY DATA ==========

STABILITY: STABLE
CONDITIONS TO AVOID: STRONG OXIDIZING AGENTS, EXCESSIVE HEAT AND IGNITION SOURCES
INCOMPATIBILITY (MATERIALS TO AVOID) STRONG OXIDIZERS, CHROMIC ANYHDRIDE, LEAD PERCHLORATE, PERCHLORIC ACIDS
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: OCCURS FROM HEAT AND REACTION WITH ABOVE STATED MATERIALS
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

========== SECTION VI - HEALTH HAZARD DATA ==========

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: PROLONGED INHALATION OF VAPORS MAY CAUSE DIZZINESS, NAUSEA, VISUAL IMPAIRMENT RESPIRATORY FAILURE, MUSCULAR INCOORDINATION AND NARCOSIS. INHALATION OF HIGH CONCENTRATION HAS RESULTED IN DEATH. LIVER DAMAGE CAN OCCUR FROM LONG EXPOSURE.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: ESSENTIALLY NON-IRRITATING TO SKIN. PROLONGED EXPOSURE CAN CAUSE DRYING, BRITTLENESS, CRACKING AND IRRITATION. MAY CAUSE EYE INJURY WHICH MAY PERSIST FOR SEVERAL DAYS. INCLUDES TEARING, BURNING, AND IRRITATION.
SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: PROLONGED EXPOSURE CAN CAUSE DRYING, BRITTLENESS, CRACKING AND IRRITATION. ESSENTIALLY NON-IRRITATING SHORT TERM.
INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: POISONOUS IF SWALLOWED. CAN AFFECT THE OPTIC NERVE RESULTING IN BLINDNESS. CAN CAUSE MENTAL SLUGGISHNESS, NAUSEA AND VOMITTING LEADING TO SEVERE ILLNESS, POSSIBLY DEATH (IN HUMANS). PRACTICALLY NON-TOXIC TO ANIMALS.

========== SECTION VI - HEALTH HAZARD DATA (CONT.) ==========

HEALTH HAZARDS (ACUTE AND CHRONIC): SWALLOWING POSES ACUTE HAZARD
CARCINOGENICITY: NTP CARCINOGEN: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO
NON CARCINOGENIC
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: MAY AGGRIVATE EXISTING EYE, SKIN, KIDNEY AND LIVER DISORDERS.
EMERGENCY AND FIRST AID PROCEDURES: INHALATION – REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. SKIN EXPOSURE – REMOVE CONTAMINATED CLOTTING AND WASH CONTAMINATED SKIN WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS, CALL A PHYSICIAN. EYE EXPOSURE – FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF IRRITATION PERSISTS. INJESTION – INDUCE VOMITTING BY GIVING TWO GLASSES WATER THEN PRESSING FINGER DOWN THROAT. DRINK MORE WATER, MILK OR SODIUM BICARBINATE TO DILUTE MATERIAL IN STOMACH. CONTACT PHYSICIAN IMMEDIATELY.

========== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE ==========

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: DIKE LARGE SPILLS. FLUSH SPILL AREA WITH WATER. DO NOT FLUSH TO SEWER. COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS ON REPORTING RELEASES.
WASTE DISPOSAL METHOD: THIS PRODUCT WHEN SPILLED OR DISPOSED IS A HAZARDOUS WASTE. PREFERRED METHOD IN INCINERATION OR BIOLOGICAL TREATMENT IN FEDERAL/STATE APPROVED FACILITY.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: USE ONLY N WELL VENTILATED AREA. KEEP AWAY FROM HEAT AND FLAME. USE ONLY FOR INTENDED PURPOSES STORE IN A COOL PLACE AWAY FROM HEAT AND SOURCES OF IGNITION. KEEP AWAY FROM CHILDREN
OTHER PRECAUTIONS: CANNOT BE MADE NOT-POISONOUS. BE SURE DISPENSING GUN FLUSH SYSTEM IN WHICH THIS PRODUCT IS USED IS IN GOOD OPERATING CONDITION.

========== SECTION VIII - CONTROL MEASURES ==========

RESPIRATORY PROTECTION: PROVIDE ADEQUATE VENTILATION OR EXHAUST TO MEET TLV/PEL REQUIREMENTS. SUPPLIED AIR OR SELF-CONTAINED BREATHING EQUIPMENT RECOMMENDED FOR EXPOSURES ABOVE THE PEL. ORGANIC VAPOR CARTRIDGE RESPIRATORS NOT RECOMMENDED FOR METHANOL VAPOR EXPOSURE.
VENTILATION: PROVIDE ADEQUATE VENTILATION OR EXHAUST TO MEET TLV/PEL REQUIREMENTS. SUPPLIED AIR OR SELF-CONTAINED BREATHING EQUIPMENT RECOMMENDED FOR EXPOSURES ABOVE THE PEL. ORGANIC VAPOR CARTRIDGE RESPIRATORS NOT RECOMMENDED FOR METHANOL VAPOR EXPOSURE.
PROTECTIVE GLOVES: GLOVES AND PROTECTIVE APRONS OR CLOTHING SHOULD BE USED TO PREVENT SKIN CONTACT.
EYE PROTECTION: HAVE AVAILABLE AND WEAR AS APPROPRIATE SPLASH GOGGLES OR SAFETY GLASSES WITH SIDE SHIELD PROTECTORS.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: EYE WASH AND SAFETY SHOWER RECOMMENDED IN AREA OF USE. WASH WITH SOAP AND WATER IMMEDIATELY AFTER SKIN CONTACT.
WORK/HYGIENIC PRACTICES: MONITORING OF AIR IN THE WORKPLACE IS RECOMMENDED TO MAINTAIN METHANOL VAPORS BELOW TLV

========== SECTION IX - TRANSPORT INFORMATION

(US DOT):
PROPER SHIPPING NAME: FLAMMABLE LIQUID, N.O.S. (METHANOL)
ID# UN 1987 CLASS 3 PG: III

========== SECTION X - DISCLAIMER ==========

THIS INFORMATION RELATES ONLY TO THE MATERIAL DESIGNED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THIS COMPANY'S KNOWLEDGE BELIEVED TO BE ACCURATE AND RELIABLE AS OF THE DATE INDICATED. NO REPRESENTATION, WARRANTY OR GUARANTEE IS MADE AS TO IT'S ACCURACY.

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