

EAP&T

Material Safety Data Sheet



Manufacturer's Name: Martin Asphalt Company	Date: December, 2006
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NFPA HAZARD IDENTIFICATION	DEGREE OF HAZARD	HAZARD RATINGS
	HEALTH: 1 FIRE: 0 REACTIVITY: 0	0= LEAST 1= SLIGHT 2= MODERATE 3= HIGH 4= EXTREME

SECTION 1 - COMPONENT DATA	
PRODUCT NAME:	EAP&T EMULSION (Emulsified Asphalt Prime and Tack)
COMMON NAME	ASPHALT, BITUMEN
CHEMICAL NAME	PETROLEUM HYDROCARBON AND WATER

SECTION 2 - PHYSICAL DATA	
C.A.S. NUMBER:	8052-42-4
BOILING POINT (F):	212 ^{0f}
SPECIFIC GRAVITY (H2O=1):	0.96-1.05
MELTING POINT:	N.A. ^{0f}
VAPOR PRESSURE:	<1mm Hg @ 77 ^{0f}
VAPOR DENSITY (AIR=1):	>1.0
SOLUBILITY IN WATER:	COMPLETELY
APPEARANCE AND ODOR:	BROWN LIQUID, ASPHALT ODOR

SECTION 3 - FIRE & EXPLOSION DATA	
FLASH POINT (°F) & METHOD:	N.A. ^{0f}
FLAMMABILITY LIMITS:	LOWER: N.A. UPPER: N.A.
AUTO IGNITION TEMPERATURE (F):	>400 ^{0f}
EXTINGUISHING MEDIA	USE FOAM, CARBON DIOXIDE, DRY CHEMICAL, OR WATER SPRAY.
SPECIAL FIRE FIGHTING PROCEDURES	USE WATER SPRAY TO COOL EXPOSED SURFACES.
UNUSUAL FIRE AND EXPLOSIVE CONDITIONS	AVOID USING WATER STREAMS TO PREVENT FROTHING.

SECTION 4 - REACTIVITY DATA	
STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
INCOMPATIBILITY MATERIALS TO AVOID:	STRONG OXIDIZERS

*NA=NOT APPLICABLE **ND=NOT DETERMINED



HAZARDOUS DECOMPOSITION PRODUCTS:	FUMES, SMOKE, CARBON MONOXIDE, HYDROGEN SULFIDE, SULFUR DIOXIDE, ALDEHYDES, AND HYDROCARBONS
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SECTION 5 - HEALTH HAZARD DATA	
SKIN CONTACT:	HOT EMULSIFIED ASPHALT CAN CAUSE THERMAL BURNS. FREQUENT OR PROLONGED CONTACT CAN CAUSE IRRITATION AND DERMATITIS.
EYE CONTACT:	HOT EMULSIFIED ASPHALT CAN CAUSE THERMAL BURNS.
INHALATION:	VAPORS AND FUMES CAN CAUSE IRRITATION TO NASAL AND RESPIRATORY TRACT. EXTENDED EXPOSURE CAN CAUSE DIZZINESS AND NAUSEA.
HAZARDOUS INGREDIENT: ASPHALT FUME	EXPOSURE LIMITS
OSHA PEL (mg/M ³)	NONE ESTABLISHED
ACGIH TLV (mg/M ³)	0.5 (mg/M ³) AS BENZENE-EXTRACTABLE INHALABLE PARTICULATE (OR EQUIVALENT METHOD)
OTHER RECOMMENDED SOURCE	
HAZARDOUS INGREDIENT: ASPHALT	CARCINOGENICITY

SECTION 6 - EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT	HOT OR COLD MATERIAL: GENTLY FLUSH WITH LARGE AMOUNTS OF WATER. CALL A PHYSICIAN IMMEDIATELY.
SKIN CONTACT	HOT MATERIAL: GENTLY FLUSH WITH COOL WATER. CALL A PHYSICIAN. COLD MATERIAL: REMOVE EMULSIFIED ASPHALT WITH WATERLESS HAND CLEANER AND WASH WITH SOAP AND WATER. IF IRRITATION OCCURS, CALL A PHYSICIAN.
INHALATION	MOVE PERSON TO FRESH AIR IMMEDIATELY. IF NOT BREATHING GIVE ARTIFICIAL RESUSCITATION. IMMEDIATELY CALL A PHYSICIAN.
INGESTION	IF INGESTED, CALL A DOCTOR IMMEDIATELY, AND FOLLOW DIRECTIONS.

SECTION 7 - PERSONAL HEALTH PROTECTION INFORMATION	
EYE PROTECTION	SAFETY GOGGLES OR CHEMICAL SPLASH GOGGLES IF SPLASHING IS ANTICIPATED.
SKIN PROTECTION	OIL IMPERVIOUS GLOVES, SUCH AS NEOPRENE, IF FREQUENT OR PROLONGED CONTACT IS EXPECTED.
RESPIRATORY PROTECTION	IF HIGH VAPORS ARE EXPECTED, USE RESPIRATOR APPROVED FOR ORGANIC VAPORS. OBSERVE RESPIRATOR PROTECTION FACTOR CRITERIA CITED IN ANSI Z88.2 (1980). SELF CONTAINED BREATHING APPARATUS SHOULD BE USED FOR FIRE FIGHTING.
VENTILATION	IF VAPOR OR MIST IS GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, ADEQUATE VENTILATION IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE MUST BE PROVIDED TO MAINTAIN CONCENTRATIONS BELOW THE SPECIFIED EXPOSURE OR FLAMMABLE LIMITS.
OTHER	WEAR BODY COVERING CLOTHES TO AVOID PROLONGED OR REPEATED EXPOSURE. LAUNDER BEFORE USE.

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SECTION 8 - SPILL, LEAK & DISPOSAL PROCEDURES	
STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	STOP SOURCE OF LEAK. ELIMINATE SOURCES OF IGNITION. CONTAIN BY DIKING OR IMPOUNDING. ABSORBANTS CAN BE USED TO CONTAIN SPILL. AFTER CONTAINMENT, EMULSIFIED ASPHALT CAN BE COLLECTED FOR DISPOSAL. ADVISE AUTHORITIES IF PRODUCT HAS ENTERED A SEWER OR WATER SOURCE. ASSURE CONFORMITY WITH LOCAL, STATE, AND FEDERAL GOVERNMENTAL REGULATIONS FOR DISPOSAL.
WASTE DISPOSAL METHOD	WASTE OR CONTAMINATED ASPHALT IS NORMALLY DISPOSED IN A SPECIAL WASTE OR INDUSTRIAL LANDFILL. CONSIDER RECYCLING INTO PAVEMENT MIXTURES WHENEVER POSSIBLE.

SECTION 9 - SPECIAL PRECAUTIONS/ADDITIONAL INFORMATION	
HANDLING AND STORAGE REQUIREMENTS	WHEN OPENING COVERS AND OUTLET CAP ON STORAGE TANKS, USE FACESHIELD AND GLOVES TO AVOID POSSIBLE INJURY FROM PRESSURIZED ASPHALT. HYDROGEN SULFIDE CAN BE GENERATED AND ACCUMULATED IN STORAGE TANKS AND BULK TRANSPORT COMPARTMENTS. STAY UPWIND AND VENT STORAGE HATCHES BEFORE UNLOADING. KEEP HEATING UNITS AND FLUES IN STORAGE TANKS COVERED WITH AT LEAST 12 IN. OF ASPHALT. DO NOT OVERHEAT.
ADDITIONAL INFORMATION	NONE.

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