



EZ-7® Cold-Applied Sealant

MATERIAL SAFETY DATA SHEET

Manufacturer's Name: Martin Asphalt Company	Date: April 5, 2013
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NFPA HAZARD IDENTIFICATION	DEGREE OF HAZARD	HAZARD RATINGS
	HEALTH: 2 FIRE: 1 REACTIVITY: 0 PPE: C	0= LEAST 1= SLIGHT 2= MODERATE 3= HIGH 4= EXTREME

SECTION 1 - COMPONENT DATA	
PRODUCT NAME	EMULSIFIED ASPHALT SEALER
COMMON NAME	EMULSIFIED ASPHALT, BITUMEN
CHEMICAL FAMILY	PETROLEUM HYDROCARBON MIXTURE

SECTION 2 - PHYSICAL DATA	
BOILING POINT, °F:	212
SPECIFIC GRAVITY:	1.00-1.05
VAPOR PRESSURE (MM HG):	<1 at 70°F
MELTING POINT, °F:	*ND
SOLUBILITY IN WATER:	DISPERSABLE
VAPOR DENSITY (AIR=1):	>1
EVAPORATION RATE (N-BUTYL) ACETATE =1):	<1
PH:	>7
APPEARANCE AND ODOR:	LIGHT BROWN VISCOUS LIQUID. PETROLEUM ODOR.

INGREDIENTS		
COMPONENT	CAS NUMBER	PERCENT
ASPHALT, BITUMEN	8052-42-4	>65

SECTION 3 - FIRE AND EXPLOSION HAZARDS	
FLASH POINT AND METHOD:	N/A
FLAMMABLE LIMITS: % VOLUME IN AIR	LOWER: *ND UPPER: *ND
EXTINGUISHING MEDIA	DRY CHEMICAL OR FOAM PREFERRED. WATER FOG MAY BE USED ON FLAT SURFACES SUCH AS ROADS.
SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS	DO NOT USE WATER ON FIRE IN TANK OR OTHER CONTAINERS SINCE IT MAY CAUSE VIOLENT ERUPTION AND SPREADING OF BURNING MATERIAL. DO NOT ENTER FIRE AREA WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE-EXPOSED CONTAINERS WITH WATER.
UNUSUAL FIRE AND EXPLOSION HAZARD	NORMAL COMBUSTION FORMS CARBON DIOXIDE AND WATER VAPOR, AND MAY PRODUCE OXIDES OF SULFUR AND NITROGEN. INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE. ACRID SMOKE/FUMES/CARBON MONOXIDE/CARBON DIOXIDE AND PERHAPS OTHER TOXIC VAPORS MAY BE RELEASED DURING A FIRE INVOLVING THIS PRODUCT.

*NA=NOT APPLICABLE **ND=NOT DETERMINED

SECTION 4 – REACTIVITY DATA	
STABILITY:	STABLE
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
CONDITIONS AND MATERIALS TO AVOID	AVOID EXCESSIVE HEAT, SPARKS AND OPEN FLAME. MAY REACT WITH STRONG OXIDIZERS.
HAZARDOUS DECOMPOSITION PRODUCTS	NORMAL COMBUSTION FORMS CARBON DIOXIDE AND WATER VAPOR. INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE. CARBON DIOXIDE, HYDROGEN CHLORIDE, ORGANIC ACIDS, ALDEHYDES, ALCOHOLS.

SECTION 5 - HEALTH HAZARD DATA			
THE HEALTH EFFECTS NOTED BELOW ARE CONSISTENT WITH REQUIREMENTS UNDER THE OSHA HAZARD COMMUNICATIONS STANDARD (29 CFR 1910.1200)			
EYE CONTACT	IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER AND SEEK MEDICAL ATTENTION. IF MATERIAL IS HOT, TREAT FOR THERMAL BURNS AND TAKE VICTIM TO THE HOSPITAL.		
SKIN CONTACT	IMMEDIATELY FLUSH SKIN WITH LARGE AMOUNTS OF WATER. USE SOAPY WATER. IF MATERIAL IS HOT, TREAT FOR THERMAL BURNS.		
INHALATION	REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION. SEEK MEDICAL ATTENTION.		
INGESTION	DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.		
SIGNS AND SYMPTOMS OF OVEREXPOSURE	IRRITATION AS NOTED ABOVE.		
AGGRAVATED MEDICAL CONDITIONS	PREEXISTING SKIN, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.		
HAZARDOUS INGREDIENT: ASPHALT FUME			
NTP LISTED	NO		
IARC LISTED	YES		
OSHA REGULATED	NO		
OCCUPATIONAL EXPOSURE LIMITS:			
	OSHA	ACGIH	
COMPONENT	CAL-OSHA PEL/TWA (8 HR)	TLV/TWA (8 HR)	OTHER
ASPHALT FUME	NONE ESTABLISHED	5 MG/M ³ *	NONE

SECTION 6 - EMERGENCY AND FIRST AID PROCEDURES	
EYE CONTACT	FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN CONTACT	WASH THOROUGHLY IMMEDIATELY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. DISCARD ANY SHOES, GLOVES OR LEATHER PRODUCTS WHICH CANNOT BE DECONTAMINATED. IF IRRITATION OCCURS GET MEDICAL ATTENTION.
INHALATION	REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. USE BREATHING PROTECTION BEFORE REMOVING VICTIM TO FRESH AIR. GET MEDICAL ATTENTION.
INGESTION	CONTACT A PHYSICIAN IMMEDIATELY.

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SECTION 7 – PERSONAL HEALTH PROTECTION INFORMATION	
PROTECTIVE CLOTHING	WEAR GLOVES, LONG SLEEVED SHIRT, LONG PANTS, AND OTHER PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT. WEAR SAFETY GLASSES OR GOGGLES TO AVOID EYE CONTACT.
RESPIRATORY PROTECTION	IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SECTION 5) USE AN ORGANIC VAPOR RESPIRATOR TO PREVENT OVEREXPOSURE. ALL RESPIRATORS MUST BE NIOSH CERTIFIED. DO NOT USE COMPRESSED OXYGEN IN HYDROCARBON ATMOSPHERES.
ADDITIONAL PROTECTIVE MEASURES	USE IN A WELL VENTILATED AREA TO CONTROL VAPOR CONCENTRATION. LAUNDER CONTAMINATED CLOTHING BEFORE REUSING. USE GOOD PERSONAL HYGIENE PRACTICES; WASH HANDS BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

SECTION 8 – SPILL, LEAK & DISPOSAL PROCEDURES	
STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED	CONSULT HEALTH HAZARD DATA IN SECTION 5, PERSONAL HEALTH PROTECTION INFORMATION IN SECTION 7, FIRE & EXPLOSION DATA IN SECTION 3, AND REACTIVITY DATA IN SECTION 4. NOTIFY APPROPRIATE AUTHORITIES OF SPILL. CONTAIN SPILL IMMEDIATELY. DO NOT ALLOW SPILL TO ENTER SEWERS OR WATERCOURSES. REMOVE ALL SOURCES OF IGNITION. ABSORB WITH APPROPRIATE INERT MATERIAL SUCH AS SAND, CLAY, ETC. LARGE SPILLS MAY BE PICKED UP USING VACUUM PUMPS, SHOVELS, BUCKETS OR OTHER MEANS AND PLACED IN DRUMS OR OTHER SUITABLE CONTAINERS.
WASTE DISPOSAL METHOD	ALL DISPOSALS MUST COMPLY WITH FEDERAL, STATE, AND LOCAL REGULATIONS. THE MATERIAL, IF SPILLED OR DISCARDED, MAY BE A REGULATED WASTE. REFER TO STATE AND LOCAL REGULATIONS. CAUTION! IF REGULATED SOLVENTS ARE USED TO CLEAN UP SPILLED MATERIAL, THE RESULTING WASTE MIXTURE MAY BE REGULATED. DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS MAY APPLY FOR TRANSPORTING THIS MATERIAL WHEN SPILLED. WASTE MATERIAL MAY BE LANDFILLED OR INCINERATED AT AN APPROVED FACILITY. MATERIALS SHOULD BE RECYCLED IF POSSIBLE.

SECTION 9 - SPECIAL PRECAUTIONS/ADDITIONAL INFORMATION	
AVOID CONTACT WITH SKIN. IF CONTACT IS UNAVOIDABLE, WEAR OIL-IMPERVIOUS PROTECTIVE GEAR. IN CASE OF SKIN CONTACT, PROMPTLY WASH THOROUGHLY WITH SOAD AND WATER. MINIMIZE BREATHING OF VAPORS, FUMES, OR MIST; WHEN POSSIBLE, USE VENTILATION OR WORK UPWIND OF SOURCE OF VAPORS, FUMES AND MIST. LAUNDER CONTAMINATED CLOTHING BEFORE USING. DISCARD SHOES, GLOVES OR LEATHER GOODS WHEN THEY CANNOT BE DECONTAMINATED. OBSERVE GOOD PERSONAL HYGIENE. WASH THOROUGHLY AFTER WORKING WITH THIS MATERIAL AND BEFORE EATING OR SMOKING. MINIMIZE EXPOSURE TO MIST. WEAR APPROVED RESPIRATORY PROTECTION IF AVERAGE AIRBORNE MIST EXPOSURE EXCEEDS MARTIN'S RECOMMENDED OCCUPATIONAL EXPOSURE LIMIT OF 0.2 MILLIGRAMS PER CUBIC METER OF AIR FOR AN 8-HOUR TIME WEIGHTED AVERAGE FOR POLYNUCLEAR AROMATIC HYDROCARBONS.	
D.O.T. CLASSIFICATION:	NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION
THE COMPONENTS OF THE PRODUCT ARE LISTED (OR ARE EXCLUDED FROM LISTING) ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES. PROTECTION OF STRATOSPHERIC (PURSUANT TO SECTION 6110 F THE CLEAN AIR ACT AMENDMENTS OF 1990) PER 40 CFR PART 82, THIS PRODUCT DOES NOT CONTAIN NOR WAS IT DIRECTLY MANUFACTURED WITH ANY CLASS I OR II OZONE DEPLETING SUBSTANCES.	

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, MARTIN ASPHALT COMPANY MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. THIS INFORMATION AND PRODUCT IS FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING THEM SHALL MAKE THEIR OWN DETERMINATION AS TO THE SUITABILITY OF THE PRODUCT FOR THEIR PARTICULAR PURPOSE AND ON THE CONDITION THAT THEY ASSUME THE RISK OF USE THEREOF.

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