MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND USE									
PRODUCT IDENTIFIER HAL-TEX "BUILDING PA INCLUDES: 20 MINUTE, 30 MINUTE, 6 COR-PLY, RAINBOARD AND DOUBLE-F				60 MINUTE,	JTE, NONE				
PRODUCT USE BREATHABLE CONSTRUCTION PAPER USED BEHIND STUCCO OR OTHER TYPES OF WALL CLADDING.									
MANUFACTURER'S NAME HAL INDUSTRI			TRIES INC. SUPPLIER'S NA			E HAL INDUSTRIES INC.			
STREET ADDRESS 9681 - 187TH STREET				STREET ADDRESS 9681 - 187TH STREET			7TH STREET		
CITY SURREY			CE	CITY SURREY			PROVINCE B.C		
POSTAL CODE EN V4N - 3N3	EMERGENCY TELEPHONE NO. 1- 604 888 0777 1- 800 663 0076			POSTAL CODE EMI V4N - 3N3		EMERG	ERGENCY TELEPHONE NO. 1- 604 888 0777 1- 800 663 0076		
SECTION 2 - HAZARDOUS AND OTHER INGREDIENTS									
INGREDIENTS CAS		S NUMBER LD50 OF INGREDIE SPECIES AND ROUTE		T (SPECIFY LC50 OF INGREDIENT (SPECIES)		LC50 OF INGREDIENT (SPECIFIC PECIES)			
ASPHALT 33 - 40 % 80.		052 - 42 - 4		ORAL: LD50> 5000 MG/ KG (RAT) DERMAL: LD50> 2000 MG/KG (RABBIT)			N/A, ACGIH RECOMMENDS FOR ASPHALT FUMES: 5 MG/ M 3 HYDROGEN SULPHIDE, 10 PPM (14 MG/ M3)		
KRAFT PAPER 60 -	67 % NOT	REGULATE	D						
SECTION 3 - PHYSICAL DATA									
PHYSICAL STATE SHEET FORMSODOUR AND APPEARANCE BLACK WITH SLIGHT PETROLEUM ODO			EUM ODO				OUR THRESHOLD (PPM) NOT AVAIL		
		R DENSITY PLICABLE		EVAPORATION RATE: < 1 1 = n- butylacetate	SOFTENING PT ASPHALT 60 DEG C		FREEZING /POUR POINT NA		
PH NOT APPLICABLE	SPECIFIC GRAVIT NOT AVA	C GRAVITY OT AVAILABLE COEFF. WATER/O INSOLUBLE			DENSITY 1.8- 2.5 G/CC AT 15 DEG C				

SECTION 4 - FIRE AND EXPLOSION DATA							
	, UNDER I CONDITION? COMBUSTIBLE IF EXPOSED TO HIGH HEAT AND OPEN FLAMES, (SIMILAR TO OTHER ORGANIC COMPOUNDS).					ES, (SIMILAR TO	
MEANS OF EXTINCTION: WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE FOR SMALL FIRES. USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS AND AS A PROTECTIVE SCREEN.							
FLASH POINT (DEG C) AND METH Not Applic FOR ASPHALT: 265 DEG C	able	UPPER FLAMMAB VOLUME)	LE LIMIT (%) BY NOT AVAIL.	LOWER FLAMN	MABLE LIMIT (% BY VOLUME) NOT AVAIL.		
ASPHALT'S BOILING POINT : 400 DEG C			HAZARDOUS COMBUSTION PRODUCTS SMOKE, CARBON DIOXIDE, CARBON MONOXIDE AND TRACES OF OXIDES OF SULPHUR				
EXPLOSION DATA NA SENSITIVITY TO IMPACT NONE SENSITIVITY TO STATIC DISCHARGE NONE						NONE	
SECTION 5 - REACTIVITY DATA							
CHEMICAL STABILITYIF NO, UNDERYES (X)NO ()WHICH CONDITION?STABLE, (PRODUCT IS IN A SHEET FORM)							
INCOMPATIBILITY WITH OTHER SUBSTANCES YES (X) NO() IF SO, WHICH ONES) STRONG OXIDIZING AGENTS AND SOLVENTS EFFECT ASPHALT.							
REACTIVITY, AND UNDER WHAT CONDITIONS HAZARDOUS POLYMERIZATION WILL NOT OCCUR, DOES NOT REACT WITH WATER							
HAZARDOUS DECOMPOSITION PRODUCTS STABLE UNDER NORMAL CONDITIONS. SEE HAZARDOUS COMBUSTION PRODUCTS FOR PRODUCTS OF THERMAL DECOMPOSITION							
SECTION 6 - TOXICOLOGICAL PROPERTIES							
ROUTE OF ENTRY () SKIN CONTACT	SKIN /	() ABSORPTION	() EYE CONTACT	INHALA	() TION	() INGESTION	
EFFECT OF ACUTE EXPOSURE TO PRODUCT: THIS MANUFACTURED PRODUCT AS PRODUCED AND WHEN USED UNDER AMBIENT CONDITIONS POSES NO HEALTH HAZARD. HOWEVER, IF THE PRODUCT IS HEATED BEYOND 200 DEG C OR IF IT CATCHES FIRE, THEN THE MAJOR CONSTITUENT ASPHALT (BITUMEN) WILL EMANATE SLIGHTLY IRRITATING FUMES. MELTED ASPHALT (BITUMEN) FROM THE PRODUCT AND THE KRAFT PAPER COULD ACT AS A FUEL AND CONTRIBUTE TO FIRE. SKIN / EYE CONTACT : EXPOSURE TO HOT MATERIAL CAUSE THERMAL BURNS. ASPHALT FUMES ARE MODERATELY IRRITATING TO THE EYES. INHALATION OF FUMES FROM HOT ASPHALT CAUSES NAUSEA, HEADACHE AND DIZZINESS. INGESTION:							
EXPOSURE LIMITS NOT LISTED BY NIOSH		IRRITANCY OF PRODUCT NOT AVAIL.		SENSITIZATION TO PRODUCT NOT AVAIL.		E NICITY S CARCINOGENS (IARC)	
TERATOGENICITY NOT AVAIL.			MUTAGENICITY NOT AVAIL			IC PRODUCTS T AVAIL	

SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: FOR PRODUCT AS PRODUCED AND USED, NO SPECIAL PROCEDURES OF SAFETY ARE ESSENTIAL. SHOULD PRODUCT CATCH FIRE THROUGH EXTERNAL SOURCE REMAIN UPWIND OF THE FIRE. AVOID SKIN AND EYE CONTACT, AVOID INHALATION OF FUMES.

SECTION 8 - FIRST AID MEASURES

SPECIFIC MEASURES INCASE OF CONTACT WITH HOT MOLTEN ASPHALT.EYE CONTACT:FLUSH WITH LARGE AMOUNTS OF WATER WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY.SKIN CONTACT:WASH WITH SOAP AND WATER, OR USE BABY OIL OR WATER-LESS HAND CLEANER. DO NOT USE SOLVENTS THINNERS TO CLEAN THE SKIN, GET MEDICAL ATTENTION IF IRRITATION PERSISTS.INGESTION:IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST. GET IMMEDIATE MEDICAL ATTENTION.					
INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN AND GET MEDICAL ATTENTION IMMEDIATELY.					
SECTION 9 - PREPARATION DATE OF MSDS					
PREPARED BY :	" TECHNICAL GROUP"	PHONE NUMBER 1 604 - 888 0777 1 800 - 663 0076	DATE June 26, 2017		
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