

MATERIAL SAFETY DATA SHEET

MSDS FOR HOT MIX ASPHALT

Date Revised: February 2006

SECTION 1 - MANUFACTURER'S INFORMATION

NAME PACE CONSTRUCTION COMPANY

ADDRESS 1620 WOODSON ROAD

ST. LOUIS, MO 63114

TELEPHONE (314) 524-7223

TRADE NAME AND SYNONYMS: HOT MIX ASPHALT (ASPHALT CONCRETE, BLACK TOP BITUMINOUS, CONCRETE)

CHEMICAL FAMILY ASPHALT Cement-Hydrocarbons. Stone/Sand - Non-Metallic Minerals

Formula- Mixture of: 4 -7% Asphalt Cement
93 - 96% Stone Sand.

SECTION 2 - HAZARDOUS INGREDIENTS

	<u>GRADE</u>	<u>% IN MIX</u>
ASPHALT CEMENT	PG 64-22	4 - 7%
ANTI-STRIP AGENT	SC AT-50	.01 - .04%
RELEASES OF HAZARDOUS GASES (IF ANY): 1. ASPHALT CEMENT FUMES		<u>TLV</u> 5MG/M3

SECTION 3 - PHYSICAL INFORMATION

SOLUBILITY IN WATER: N/A
EVAPORATION RATE: N/A
APPEARANCE: Black - Brown Sand And Stone Mixture
CHARACTERISTIC ODORS: Tar Odor

% VOLATILE (BY VOLUME) AT
68 DEGREES F: N/A
SPECIFIC GRAVITY: 2.275 - 2.5000

SECTION 4 - FIRE AND EXPLOSION HAZARD INFORMATION

FLASHPOINT: > 450 DEGREES F. MIN.
FLAMMABLE LIMITS - LFL: N/A UFL: N/A
FIRE EXTINGUISHING MEDIA: Co2, Dry Chemical, Foam
SPECIAL FIRE FIGHTING PROCEDURES: Do not enter any enclosed or confined fire space without protective equipment including self contained breathing apparatus
IS PERSONAL PROTECTIVE EQUIPMENT REQUIRED TO FIGHT FIRE? YES X NO _____
IF YES, EXPLAIN: Burning produces carbon monoxide, oxides of sulfur and nitrogen smoke.

SECTION 5 - HEALTH HAZARD INFORMATION

TYPES OF EXPOSURES: Skin burns, inhalation

EFFECTS OF OVER EXPOSURE TO PRODUCT: Thermal burns may result from contact with hot material.

EFFECTS OF OVER EXPOSURE TO FUMES/GASES: Over exposure to asphalt cement fumes may increase a worker's sensitivity to the sun (photo sensitivity)

EMERGENCY AND FIRST AID PROCEDURES FOR TYPES OF EXPOSURE LISTED ABOVE:

SKIN BURNS: Immediately flush with cool water. In the event of several burns, consult physician.

INHALATION: Remove victim to fresh air.

We have consulted the following sources to see if they list asphalt cement as a carcinogenic material. It is listed as such in:

NTP (National Toxicology Program).....NO

IARC (International Agency for Research on Cancer).....NO

29 CFR Part 1910, Subpart Z, Toxic and Hazardous Substances OSHA.....NO

SECTION 6 - REACTIVITY DATA

STABLE X UNSTABLE _____

INCOMPATIBLE WITH THE FOLLOWING MATERIAL OR SOLVENTS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: NO

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spill and keep from entering any bodies of water - let harden and dispose of in landfill or recycle.

WASTE DISPOSAL METHOD: Acceptable landfill or recycle.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: When exposure may exceed established standards, a respirator should be used.

VENTILATION: LOCAL EXHAUST - Mainly used outdoors

MECHANICAL: (General)

Forced ventilation should be used in enclosed areas.

To protect from thermal burns, long pants and appropriate boots should be used.

SECTION 8 - SPECIAL PROTECTION INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid skin contact (thermal burns) and use in well ventilated areas.

OTHER PRECAUTIONS: