



**UNITED  
ASPHALT**

MATERIAL SAFETY DATA SHEET

PAGE 1 OF 6

**SECTION 1- CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION**

IDENTITY: AP-6100 Modified Liquid Rubber Coating

MANUFACTURER:  
UNITED ASPHALT COMPANY  
PO BOX 291  
CEDAR BROOK NJ 08018

PHONE # 856-753-9811  
24 HR CHEMTREC EMERGENCY  
# 800-424-9300

DATE: September 10, 2008

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA</u>
<u>STEL</u> <u>WEIGHT %</u>				
AROMATIC PETROLEUM DISTILLATES	64742-95-6	100PPM	100PPM	NONE
*XYLENE	1330-20-7	100PPM	100PPM	
150PPM                      5				
ZINC DIBUTYLDITHIOCARBAMATE	136-23-2	NONE	NONE	NONE
ALICYCLIC HYDROCARBON RESIN	69430-35-9	NONE	NONE	NONE
STYRENE/ETHYLENE/BUTYLENE BLOCK COPOLYMER	66070-58-4	NONE	NONE	NONE
PIGMENT      NON HAZARDOUS IN LIQUID FORM		10mg/m3	10mg/m3	
5g/m3				
EXTENDER      NON HAZARDOUS IN LIQUID FORM		NONE	5mg/m3	NONE
EPDM RUBBER GRANULES	NONE	NONE	10mg/m3	NONE
ZINC OXIDE	1314-13-2	30mppcp	30mppcp	
30mppcp				

CALCIUM CARBONATE                      NONE                      NONE                      10mg/m3                      NONE

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

### **SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR: WHITE OR COLORED PASTY LIQUID WITH RUBBER GRANULES

BOILING POINT OR RANGE: 279F

VAPOR DENSITY (AIR = 1): N/A

SPECIFIC GRAVITY (H2O = 1): 1.3

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: NEGLIGIBLE

### **SECTION 4: FIRE-FIGHTING MEASURES**

FLAMMABLE LIMITS IN AIR,                      UPPER: not available

(% by volume)                      LOWER: not available

FLASH POINT: 106+F

METHOD USED:

SETA FLASH

EXTINGUISHING MEDIA:

FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES:

DO NOT ENTER CONFINED FIRE AREA WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL ALL FIRE EXPOSED CONTAINERS WITH WATER. PRESENCE OF SOLVENTS IN PRODUCT MAY REQUIRE GROUNDING.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

IF FIRE OCCURS, SOLVENTS MAY PRODUCE EXCESSIVE PRESSURE. SEALED DRUMS MAY RUPTURE AND IGNITE. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND AND IGNITE

BY ANY SOURCE OF IGNITION. NEVER USE A CUTTING OR WELDING TORCH NEAR CONTAINERS (EVEN EMPTY)

**SECTION 5: STABILITY AND REACTIVITY**

STABILITY:

STABLE

CONDITIONS TO AVOID (STABILITY):

AVOID EXCESSIVE HEAT OR OPEN FLAMES AS WELL AS ALL SOURCES OF IGNITION SUCH AS SPARKS, HEATERS, STATIC DISCHARGES, ETC.

INCOMPATIBILITY (MATERIAL TO AVOID):

AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

MAY FORM TOXIC CHEMICALS, CARBON DIOXIDE, CARBON MONOXIDE, AND VARIOUS HYDROCARBONS, ETC.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

**SECTION 6: HAZARDS IDENTIFICATION**

HMIS HAZARD CLASSIFICATION

HEALTH: 3 FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECTIVE  
EQUIPMENT: G

POTENTIAL HEALTH EFFECTS

EYES:

CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, OR BLURRED VISION.

SKIN:

MAY CAUSE IRRITATION, DEFATTING, AND DERMATTITIS.

INGESTION:

CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA, AND ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

INHALATION:

CAN CAUSE NAUSEA AND RESPIRATORY IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, AND POSSIBLE UNCONSCIOUSNESS.

HEALTH HAZARDS (ACUTE AND CHRONIC):

REPEATED CONTACT TO SKIN MAY CAUSE DEFATTING OR DRYNESS OF SKIN OR OTHER SIMILAR CONDITIONS. OVER-EXPOSURE TO THIS MATERIAL CAN CAUSE CARDIAC ABNORMALITIES, ANEMIA, LIVER ABNORMALITIES, KIDNEY DAMAGE, OR EVEN EYE DAMAGE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

RESPIRATORY CONDITIONS OR OTHER ALLERGIC RESPONSE.

CARCINOGENICITY

OSHA: NO            NTP: NO            IARC: NO

ADDITIONAL CARCINOGENICITY INFORMATION:

NO CONSTITUENTS OF THIS PRODUCTS ARE REGULATED AS CARCINOGENS UNDER OSHA, IARC, OR NTP PROGRAMS.

## **SECTION 7: FIRST AID MEASURES**

EYES:

FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN.

SKIN:

SKIN CONTACT WILL NORMALLY CAUSE NO MORE THAN IRRITATION BUT WASH AFFECTED AREA WITH SOAP AND WATER AND REMOVE CONTAMINATED CLOTHING PROMPTLY.

INGESTION:

DO NOT INDUCE VOMITING, KEEP PERSON WARM AND CONSULT A PHYSICIAN IMMEDIATELY.

INHALATION:

REMOVE VICTIM TO FRESH AIR AREA AND ADMINISTER OXYGEN IF NECESSARY.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

## **SECTION 8: RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR RESPIRATOR AND PROTECTIVE CLOTHING. REMOVE ALL SOURCES OF IGNITIONS. REMOVE EXCESS WITH VACUUM TRUCK AND TAKE UP THE REMAINDER WITH AN ABSORBANT SUCH AS CLAY AND PLACE IN DISPOSAL CONTAINERS. FLUSH AREA WITH WATER TO REMOVE RESIDUE.

## **SECTION 9: WASTE DISPOSAL**

WASTE DISPOSAL METHOD:

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

## **SECTION 10: HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

STORE IN COOL DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. PROPERLY LABEL ALL CONTAINERS. KEEP MATERIAL AWAY FROM ALL SOURCES OF IGNITION.

OTHER PRECAUTIONS:

AVOID ALL SKIN CONTACT. AVOID BREATHING VAPORS GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. WASH ALL CONTAMINATED CLOTHING PRIOR TO THE REUSE THEREOF. WEAR APPROPRIATE SAFETY EQUIPMENT AND RESPIRATOR AT ALL TIMES WHEN VENTILATION IS NOT SUFFICIENT TO CONTROL VAPORS.

## **SECTION 11: EXPOSURE CONTROLS/PERSONAL PROTECTION**

RESPIRATORY PROTECTION:

USE A NIOSH APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER-EXPOSURE TO VAPOR IN ACCORDANCE WITH 29 CFR 1910.134. ENGINEERING OR ADMINISTRATIVE MEASURES SHOULD BE TAKEN TO REDUCE THE RISK AND EXPOSURE.

VENTILATION:

PROVIDE SUFFICIENT MECHANICAL (GENERAL AND LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TOXIC LEVEL VALUES.

PROTECTIVE GLOVES:

IMPERVIOUS GLOVES, NEOPRENE OR RUBBER.

EYE PROTECTION:

SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WEAR BODY COVERING CLOTHING AND OTHER COVERINGS AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.

WORK HYGIENIC PRACTICES:

OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

**SECTION 12: DISCLAIMER**

DISCLAIMER: The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.