

MATERIAL SAFETY DATA SHEET

PC750 Part A

MANUFACTURER: Adurel International Inc
ADDRESS: 820 Water St, Racine WI 53403
PHONE #: 800-860-5834
MSDS NUMBER: PC750 Part A
CAS NUMBER:
DATE PREPARED: 1/1/05
EMERGENCY PHONE #: 262-770-0845 Ralph

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SECTION I – MATERIAL IDENTIFICATION AND INFORMATION

Components – Chemical Name & Common Names
 (Hazardous Components 1% or greater: Carcinogens 0.1% or greater)

CHEMICAL NAME (COMMON NAME)	CAS #	%	OSHA PEL (PPM)	ACGIH TLV (PPM)	OTHER LIMITS RECOMMENDED
Petroleum asphalt	8052-42-4	30-70			
Light distillates	64741-46-4 64742-47-8	0-15			
Amine compounds (including aniline derivatives)		0-10			
Polybutadiene diol and fillers		20-50			
Benzene	1333-86-4	< 1			
Xylene	108-38-3	0-5			
Non-Hazardous Ingredients					
Total					

SECTION II – PHYSICAL/CHEMICAL CHARACTERISTICS

- 1) **BOILING POINT:** NDA
- 2) **SPECIFIC GRAVITY:** (water = 1) 0.95-1.16 at 15.6
- 3) **VAPOR PRESSURE:** NDA
- 4) **MELTING POINT:** N/A
- 5) **VAPOR DENSITY:** NDA (air = 1)
- 6) **EVAPORATION RATE:** Slow
- 7) **SOLUBILITY IN WATER:** Insoluble

- 8) **WATER REACTIVE:** N/A
9) **APPEARANCE & ODOR:** Black liquid with kerosene odor

SECTION III – FIRE AND EXPLOSION DATA

- 1) **FLASH POINT& METHOD:** 100°F (min) (PM)
2) **AUTO-IGNITION TEMPERATURE:** NDA
3) **FLAMMABILITY LIMITS IN AIR % BY VOLUME:** NDA LEL: NDA UEL: NDA
4) **EXTINGUISHER (MEDIA):**....Dry chemical, carbon dioxide, foam, halon, or water fog
5) **SPECIAL FIRE FIGHTING PROCEDURES:** For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. See hazardous decomposition products. Read the entire MSDS.
6) **UNUSUAL FIRE AND EXPLOSION HAZARDS:** Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment, and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85°F.

SECTION IV – REACTIVITY HAZARD DATA

- 1) **STABILITY:** Stable
2) **CONDITIONS TO AVOID:** May react with strong oxidizing materials.
3) **INCOMPATIBILITY (Materials to Avoid):** Keep away from strong oxidizing agents.
4) **HAZARDOUS DECOMPOSITION PRODUCTS:** Normal combustion forms carbon dioxide and water vapor and may produce oxides of nitrogen; incomplete combustion can produce carbon monoxide.
5) **HAZARDOUS POLYMERIZATION:** Will not occur.

SECTION V – HEALTH HAZARD DATA

- 1) **PRIMARY ROUTES OF ENTRY:**
a. Inhalation - yes
b. Skin absorption - yes
c. Ingestion - no
2) **CARCINOGEN LISTED IN:**
a. NTP – no
b. IARC MONOGRAPH – no
c. OSHA – no
3) **HEALTH HAZARDS**
a. ACUTE: See emergency first aid procedures.
b. CHRONIC: See emergency first aid procedures.
4) **SIGNS AND SYMPTOMS OF EXPOSURE:** Signs and symptoms of central nervous system effects may include one or more of the following: headache, dizziness, loss of appetite, weakness, and loss of coordination. Affected persons usually experience complete recovery when removed from exposure.
5) **MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** See emergency first aid procedures.

6) **EMERGENCY FIRST AID PROCEDURES:** Seek medical assistance for further treatment, observation and support if necessary

7) **EYE CONTACT:** May cause eye irritation. Flush eyes immediately with fresh water for at least 15 minutes while holding the eyelids open. If irritation persists, see a doctor. Do not get in eyes. Eye contact can be avoided by wearing chemical safety goggles.

8) **SKIN CONTACT:** May cause skin irritation. Remove heavily contaminated clothing and wash skin thoroughly with soap and water. Do not use solvents or thinners to remove materials from skin. Asphalt can be removed with vegetable oil or mineral oil. Avoid prolonged or frequently repeated skin contact with this material. Skin contact can be minimized by wearing impervious protective clothing including gloves.

9) **INHALATION:** Breathing mineral oil mist can cause central nervous system effects. If there are signs or symptoms as described in this bulletin to breathing this material, move the person to fresh air. If breathing has stopped, apply artificial respiration. Call a doctor.

10) **INGESTION:** Not expected to have acute systemic toxicity by ingestion. Not to physician: This material contains light hydrocarbon liquids and an aspiration hazard may exist. If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take the person and product container to the nearest medical emergency treatment center.

SECTION VI – CONTROL AND PROTECTIVE MEASURES

1) **RESPIRATORY PROTECTION (Specify type):** Wear approved respiratory protection such as an organic vapor cartridge respirator or an air-supplying respirator unless ventilation is adequate.

2) **PROTECTIVE GLOVES:** Recommended

3) **EYE PROTECTION:** Recommended

4) **VENTILATION TO BE USED:**

a. Local exhaust (see other)

b. Mechanical ventilation (general) (see other)

5) **OTHER (Specify):** Use this material in well-ventilated areas.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE/LEAKS

1) **STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:**

a. Eliminate all open flames in the vicinity of the spill or released vapor.

b. Clean up small spills using appropriate techniques such as absorbent materials or pumping.

c. Where feasible and appropriate, remove contaminated soil.

d. Follow prescribed procedures for reporting and responding to larger releases.

2) **WASTE DISPOSAL METHODS:** Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations. Contact local environmental or health authorities for approved disposal of this material.

3) **ENVIRONMENTAL IMPACT:** This material may be toxic to aquatic organisms and should be kept out of sewage and drainage systems and all bodies of water.

4) **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**