



Lake Asphalt

## SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**PRODUCT:** TLA Coatings Automotive Underbody Coating  
**MANUFACTURER:** Lake Asphalt of Trinidad & Tobago (1978) Limited  
Brighton La Brea  
Trinidad and Tobago  
Telephone No. +1(868) 648-9015

**SYNONYMS:** Nil

**PRODUCT USE:** Used in automotive industry for protection of underbody carriages, chassis, internal joints and seams from corrosion caused by exposure to elements.

**DATE OF PREPARATION/REVISION:** 22<sup>nd</sup> July, 2024

### 2. COMPOSITION, INFORMATION ON INGREDIENTS

1. Refined Trinidad Lake Asphalt (TLA)
2. Inorganic Fillers and
3. Solvents.

The components of TLA include:

- i Bitumen 52 to 55%
  - a. Saturated polycyclic compounds containing oxygen, sulphur and clay minerals.
  - b. Polar Aromatic and naphthenic compounds. Also contained are aromatic compounds and aliphatic compounds.
  - c. Asphaltenes
- ii Mineral matter, 33 to 38% comprises – Silica, Alumina, Ferric Oxide and other trace compounds.
- iii Other constituents, which cannot be assigned either to the bitumen or to the minerals parts.

### 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:**



**ROUTE OF ENTRY:** Skin contact, Eye contact, Inhalation

**EFFECTS OF ACUTE EXPOSURE:**

**EYES:** Severe irritation.

**SKIN:** Contains solvents that cause defatting of skin.

**INHALATION:** May cause irritation of the throat, respiratory system and mucous membranes.

**Precautionary Statements**

**Prevention:**

- Wash skin thoroughly after handling.
- Wear chemical resistant goggles.
- Wear long sleeved clothing
- Wear suitable respiratory protection in poor ventilation

#### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

**SKIN:** Remove contaminated clothing. Wash affected area with soap and water. If irritation persists, seek medical attention.

**INGESTION:** If ingestion occurs, do not induce vomiting and seek immediate medical attention.

**INHALATION:** Move to fresh air. If symptoms or irritation occur, seek prompt medical attention.

#### 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:**

Foam, carbon dioxide, dry powder, sand, inert material.

Do not use water jet as an extinguisher, as this will spread the fire.

**FIRE FIGHTING PROCEDURES:**

Isolate area around container involved in fire. Use water to cool containers exposed to fire and excessive heat. Avoid spraying water directly into containers. **Special protective equipment**

**for fire-fighters:** Fire-fighters should wear appropriate protective equipment and positive pressure self-contained breathing apparatus with full-face mask.

## 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions:**

Avoid inhalation of vapours. Refer to section 8 of SDS for personal protection details.

### **LEAK AND SPILL PROCEDURE:**

Shut off any heat source and ventilate spill area. Dike spills with sand, earth or non-flammable, absorbent material, Clean contaminated area with water and detergent.

## HANDLING AND STORAGE

### **HANDLING:**

Ensure adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame.

### **STORAGE:**

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

## 7. EXPOSURE CONTROLS, PERSONAL PROTECTION

### **ENGINEERING CONTROLS:**

Ensure there is sufficient ventilation of the area.

### **PERSONAL PROTECTIVE EQUIPMENT:**

Hand: Use suitable impervious gloves.

Eyes: Chemical resistant safety goggles

Clothing: Wear appropriate clothing to prevent any possibility of liquid contact.

Respiratory: Should not be necessary with adequate ventilation. In poorly ventilated areas, suitable respiratory protection must be provided.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Black Soft Semi-solid

**Odour:** Hydrocarbon

**pH:** Not applicable

**VAPOUR PRESSURE:** N.A.

**VAPOUR DENSITY** (Air = 1): N.A.  
**FLASH POINT:** 35 °C  
**MELTING POINT:** N.A.  
**BOILING POINT:** N.A.  
**DENSITY:** 1.32 kg/L  
**EVAPORATION RATE:** N.A.  
**SOLUBILITY:** Immiscible with water  
**ODOUR THRESHOLD:** N.A.  
**CONE PENETRATION @ 25 °C:** 360 – 365

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions. See section 7.

**REACTIVITY:** N.A.

**CONDITIONS TO AVOID:** Avoid heat, flames and other sources of ignition

**MATERIALS TO AVOID:** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Inhalation

Exposure to solvent vapours may cause irritation of the throat, respiratory system and mucous membranes.

### Skin contact

Product has a defatting effect on skin. Prolonged or repeated exposure may cause severe irritation.

### Eye contact

May cause severe eye irritation.

## 12. ECOLOGICAL INFORMATION

The product contains a substance which is toxic to aquatic organisms

## 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of waste by specialised disposal company in keeping with local regulations.

### General information

Empty containers may contain residual product and flammable vapours. Keep away from sparks, heat and sources of ignition.

## 14. TRANSPORT INFORMATION:

Proper shipping name: PAINT

UN Number: 1263

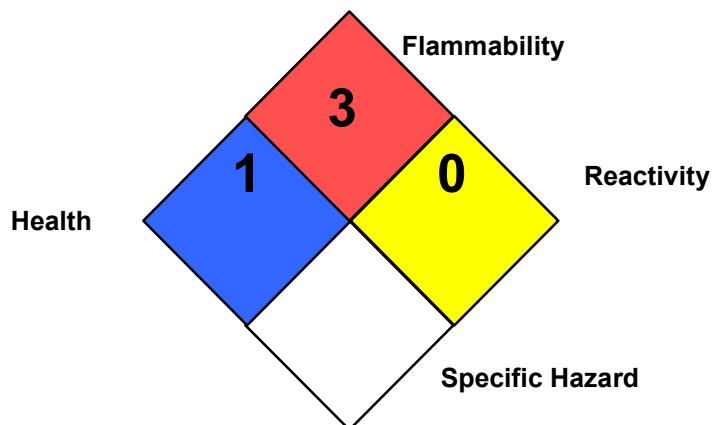
Class: 3

Packing group: III

## 15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the UN GHS and the SDS contains all the information required by the GHS.

## 16. OTHER INFORMATION



### NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)

**HEALTH=1** – Slight Hazard

**FLAMMABILITY=3** – Ignites at ambient temperatures.

**REACTIVITY=0** - Stable, even under fire conditions.

**SPECIFIC HAZARD=** none

**DISCLAIMER**

The information and recommendations contained in this SDS are believed to be accurate as at the date of its preparation. Lake Asphalt Trinidad & Tobago (1978) Limited (LATT) makes no representations or warranties, express or implied, with respect to the accuracy or completeness of the information contained herein. LATT assumes no responsibility for incorrect handling or use of the product or the inherent hazards involved in the nature of the product itself.