



Lake Asphalt

SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

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

SYNONYMS: Nil

PRODUCT USE: Primer coat for a surface waterproofing layer. Protective coating for surfaces prone to corrosion and deterioration from element exposure

DATE OF PREPARATION/REVISION: 22nd 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.

7. 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.

8. 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 Liquid

Odour: Hydrocarbon

pH: Not applicable

VAPOUR PRESSURE: N.A.

VAPOUR DENSITY (Air = 1): N.A.
FLASH POINT: 29 °C
MELTING POINT: N.A.
BOILING POINT: N.A.
DENSITY: 1.03 kg/L
EVAPORATION RATE: N.A.
SOLUBILITY: Immiscible with water
ODOUR THRESHOLD: N.A.
VISCOSITY @ 25°C: 1.5 – 2.5 Poise

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 (CO₂).

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

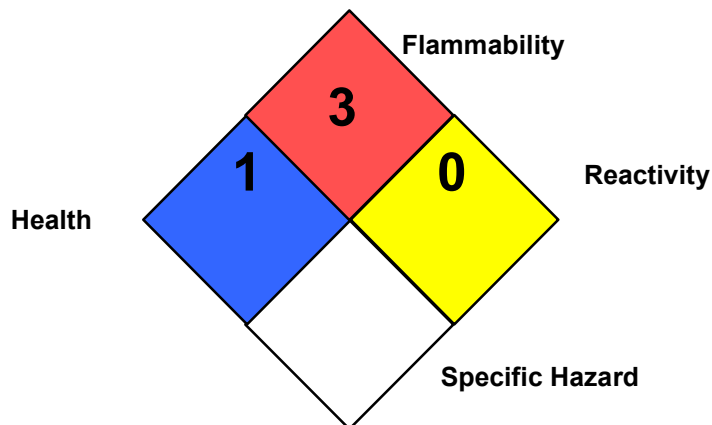
Class: 3

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.