

Artists' Materials Since 1859

208 PORTLAND ROAD  
HOVE  
BN3 5QT  
Tel 01273 260 260  
Fax 01273 260 270  
E-mail artbox@lawrence.co.uk

## Asphaltum Powder (TNL 1762 – 17622)

### 1. Identification

Zeco 11-A North American Asphaltum Powder.

### 2. Composition/Information on Ingredients

North American Asphaltum is a naturally occurring bitumen.

### 3. Hazards Identification

	CAS	OSHA PEL (ppm)
North American Asphaltum	12002-43-6	15 mg/m <sup>3</sup>

No detectable levels of PCB or any other carcinogenic substance have been found in North American Asphaltum.

### 4. First-Aid Measures

Eye contact	Flush with plenty of water for at least 15 minutes and seek medical attention if irritation persists.
Skin contact	Wash thoroughly with soap and water for 15 minutes.
Inhalation	If respiratory discomfort occurs, remove to fresh air. If discomfort still continues, seek medical attention.
Ingestion	If appreciable quantities are swallowed, seek medical attention.

### 5. Fire-Fighting Measures

Extinguishing media	CO <sub>2</sub> , dry chemical, foam .
Protective equipment for	Self-contained breathing apparatus and complete personal Fire-fighters protective equipment when entering confined areas where potential exposure to vapours or products of combustion exists.

### 6. Accidental Release Measures

For wet material, dike spill and absorb with inert material and collect for disposal. Caution: wet material is slippery. For dry powder, collect mechanically for disposal. Avoid creating dust clouds and breathing dust.

## 7. Handling and Storage

Solid Product	Keep dust in air to a minimum. Do not store near high heat or open flames.
Liquid Product	If material is heated above 500°F and long term exposure to vapours is anticipated, use of respiratory equipment is recommended.

## 8. Exposure Control and Personal Protection

Respiratory protection	For Dust:	Dust respirator or non-toxic face mask.
Ventilation	Local Exhaust Mechanical	For dust removal. For dust removal.
Protective Gloves		Insulated for hot material.
Eye Protection		Safety glasses or face shield for hot material.
Other Protective Clothing or Equipment		Long sleeves and clothing to protect against splashed hot material.
Work/Hygienic Practices		Avoid inhalation of dust. Adhere to good hygienic practices.

## 9. Physical and Chemical Properties

Physical form	Powder.
Colour	White to pale yellow.
Odour	Slight.
pH of aqueous solution	Not applicable
Boiling point	Not applicable
Melting point	149/157°C
Viscosity	Not applicable
Flash point	316°C
Flammability solid/gas	Not applicable
Autoflammability	Not applicable
Explosive properties	Not applicable
Oxidising properties	Not applicable
Vapour pressure	Not applicable
Specific gravity	1.05
Water solubility	Insoluble
Bulk density	40 lb/cu ft
Partition coefficient octanol/water	Not applicable
Explosive limits	Not applicable

## 10. Stability and Reactivity

Auto-ignition temperature unknown	Avoid heating beyond 600°F.
Hazardous Polymerisation	May occur in unstable state.
Combustion Products	Normal combustion – CO, Nitrogen oxides/incomplete combustion – CO
Materials to avoid	May react with strong oxidising materials.

## 11. Toxicological Information

North American Asphaltum is a naturally occurring bitumen which is non-toxic. No detectable levels of PCB or any other carcinogenic substances have been found in the product. See Section 16.

## 12. Ecological Information

Biodegradation	No data.
Fish toxicity	No data, but not expected to be harmful.
Bacterial toxicity	No data, but not expected to be harmful.

## 13. Disposal Considerations

Incinerate or dispose of in a landfill in accordance with federal state and local regulations. This material is not defined as a hazardous waste under current RCRA regulations.

## 14. Transport Information

UN number	Not assigned
IMDG code/class	Non hazardous
ICAO/IATA (air) class	Non hazardous
RID/ADR class	Non hazardous
ADNR class	Non hazardous

## 15. Regulatory Information

No specific data available.

## 16. Other Information

*The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.*