

## 1. PRODUCT AND COMPANY IDENTIFICATION

**(1) Product Information:-**

Brand Identity:	Berger
Product Name:	Epilux 78 Base
Product Class:	Red Oxide
Physical Form:	Liquid

**(2) Company Information:-**

Manufacturer:	ANSA Coatings Limited
Address:	51 – 59 Tumpuna Road South, Guanapo, Arima. Trinidad, W.I.
Tel:	868-643-2425/8
Fax:	868-643-2509

**(3) Product information:** <http://www.colourshop.com/>

## 2. HAZARDS IDENTIFICATION

**ROUTES OF EXPOSURE**

INHALATION of vapour or Spray Mist  
EYE or SKIN contact with the product, vapour or spray mist.  
INGESTION of product

**EFFECTS OF OVEREXPOSURE**

<b>EYES:</b>	Irritation.
<b>SKIN:</b>	Prolonged or repeated exposure may cause dermatitis.
<b>INHALATION:</b>	High vapour/aerosol concentrations (attainable at elevated temperatures well above ambient) are irritating to the eyes and the respiratory tract and may cause headaches, dizziness, anaesthesia, drowsiness, unconsciousness and other central nervous system effects, including death.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

Redness and itching, or a burning sensation, may indicate eye or excessive skin exposure.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

None are generally recognised.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%
Epoxy Resin		16-35
Iron Oxide	1309-37-1	5-10
Zinc Phosphate	7440-38-2	8-15
Crystalline Silica	14808-60-7	5-10
China Clay		15-32
Talc	14807-96-6	0-10
Blanc Fixe	7727-43-7	0-10
Xylene	1330-20-7	7-10
n-Butanol	71-36-3	1-3
Toluene		5-12
Iso Propyl Alcohol		2-4

## 4. FIRST AID MEASURES

<b>EYES:</b>	Flush eyes with large quantities of water for 15 minutes. Get medical attention.
<b>SKIN</b>	Remove contaminated clothing immediately and launder before reusing. Wash the affected area thoroughly with soap and water. If irritation persists, seek medical attention.
<b>INHALATION</b>	If affected, remove from exposure. Restore breathing. Keep warm and quiet. If coughing, difficulty in breathing, or any other respiratory symptoms develop, seek medical attention at once.
<b>INGESTION:</b>	Do not induce vomiting. Get medical attention immediately.

## 5. FIRE-FIGHTING MEASURES

Flash Point	LEL	UEL	Flammability Classification
Closed cup: 36°C (96.8°F) [Abel's close cup]	Not Applicable	Not Applicable	Not Applicable

### STABILITY

Stable product, it will not autoignite under normal conditions. The autoignition temperature of the white spirits is 504°F. Flammable limits: LEL=0.7; UEL=5.5 @ 77°F

### FIRE FIGHTING

Specific hazards: Fire will produce dense, black smoke, and inhalation of decomposition products may cause serious health hazards.

Extinguishing media: Water spray - mist, foam, dry chemical powder, carbon dioxide, sand.

Unsuitable extinguishing media: Water in a jet.

### ADVICE TO FIRE FIGHTERS

Incomplete combustion can yield carbon monoxide and toxic vapours. Wear a self-contained breathing apparatus and a protective suit. Full protective equipment, including self-contained breathing apparatus, should be used.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Avoid contact with skin and eyes. Do not breathe vapour. Extinguish naked flames. Remove ignition sources. Avoid sparks.
<b>Personal Protection:</b>	Wear PVC gloves, safety boots. Wear a full-face piece respirator with an organic vapour canister NPF 400. In a confined space, wear self-contained breathing apparatus open open-circuit type NPF 2000.
<b>Methods for containment:</b>	Contain spills with an inert absorbent material such as soil or sand. Prevent from spread by covering, diking or other means. Provide ventilation.
<b>Methods for cleanup:</b>	Contain and collect spillage with non-combustible absorbent materials, e.g., sand, earth or spill control material and place it in a container for disposal according to local regulations
<b>Environmental Precautions:</b>	Prevent contamination of soil and water.

## 7. HANDLING AND STORAGE

### Storage Temperature

Ambient

### Storage and Transport Pressure (mmHg)

Atmospheric

### Storage and Handling

Keep the container tightly closed and in a well-ventilated place. Keep away from direct sunlight and other sources of heat or ignition. Do not smoke in storage areas.

Avoid prolonged or repeated contact with skin. Do not breathe vapour, spray/mist. Extinguish any naked flames. Remove ignition sources. Avoid sparks. Do not smoke. Take precautionary measures against static discharges.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Controls:

Use only with adequate ventilation. Use explosion-proof electrical (ventilating, lighting and material handling) equipment.

### Personal Protection:

**Respiratory Protection:** When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

**Ventilation:** General ventilation is required during normal use. Local ventilation may be required during certain operations to keep exposure levels of vapours and mists below the limits.

**Protective Gloves/Clothing:** PVC Gloves. Barrier creams may help to protect the exposed areas of the skin.

**Eye Protection:** Use safety eyewear designed to protect against the splash of products.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Vapour Density	Heavier
Evaporation Rate	Slower
Density at 25C	1.5 g/l
Boiling Point	137°C
Flash Point	23-29°C
Ignition Temperature	>350°C
Water Solubility	Negligible
VOC	130g/L

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal temperatures and pressures.
<b>Conditions to avoid:</b>	Heat, flames and sparks, Caustic soda induce a vigorous polymerisation at a temperature around 200°C
<b>Materials to avoid:</b>	Strong Oxidising agents. Caustic Soda.
<b>Hazardous Decomposition Products:</b>	Unknown

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity – oral</b> <b>Acute toxicity - dermal</b> <b>Effect on Eyes</b> <b>Effect on Skin</b>	LD 50 expected to be > 200 mg/kg based on Xylene LD 50 expected to be > 200 mg/kg based on Xylene The liquid splashed in the eyes may irritate. Irritant
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## 12. ECOLOGICAL INFORMATION

Water contamination class	2 (self classification).
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## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD

Use non-leaking containers, seal them tightly and label them properly. Arrange disposal in accordance with local regulations regarding pollution control.

## 14. TRANSPORT INFORMATION

Land Transport (ADR/RID)	
UN Number:	1263
IMCO Class:	3.3
Page Number:	3149
Marine Pollutant	Yes
Proper shipping name	Paint

## 15. REGULATORY INFORMATION

EC Classification:	Flammable, Harmful
Contains:	Xylene
EC Risk Phrases:	
R-10:	Flammable
R-20/21:	Harmful by inhalation and in contact with skin
R-38:	Irritating to skin
EC Safety Phrases:	
S 24:	Avoid contact with the skin
S 25:	Avoid contact with the eyes
S 36/37:	Wear suitable protective clothing and gloves
S 51:	Use only in well-ventilated areas.

**16. OTHER INFORMATION**

**HMIS Ratings:**

Health Hazard 1  
Fire Hazard 3  
Reactivity 0



SDS Creation Date: June 20<sup>th</sup>, 2001  
SDS Revision Date: May 15<sup>th</sup>, 2025

SDS Author: ANSA Coatings Limited



**Disclaimer:**

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The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification, nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.