

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### (1) Product Information:-

Brand Identity:	Berger
Product Name:	Epilux 610 Base
Product Class:	Epoxy
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 vapor or Spray Mist  
EYE or SKIN contact with the product, vapor or spray mist.  
INGESTION of product

#### EFFECTS OF OVEREXPOSURE

EYES:	Irritation.
SKIN:	Prolonged or repeated exposure may cause irritation.
INHALATION:	Irritation of the upper respiratory system.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

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

#### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	%
Xylene	1330-20-7	15-30
trizinc bis(orthophosphate)	7779-90-0	5-15
Crystalline silica (Quartz)	14808-60-7	5-15
butan-1-ol	71-36-3	5-15
diiron trioxide	1309-37-1	1-5
Zinc chromates	1103-86-9	1-5

## 4. FIRST AID MEASURES

<b>EYES:</b>	Flush eyes with large amounts of water for 15 minutes. Get medical attention.
<b>SKIN:</b>	Remove contaminated clothing immediately. Wash affected area thoroughly with soap and water.
<b>INHALATION:</b>	If affected, remove from exposure. Restore breathing. Keep warm and quiet.
<b>INGESTION:</b>	Do not induce vomiting. Get medical attention immediately.

## 5. FIRE-FIGHTING MEASURES

Flash Point	LEL	UEL	Flammability Classification
26.85°C	N/A	N/A	3

### MEDIA

Carbon Dioxide, Dry Chemical, Alcohol Foam

### UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

### SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions:</b>	Evacuate area and keep unnecessary and unprotected personnel from entering the spill area. Use proper personal protective equipment as listed in Section 8.
<b>Environmental Precautions:</b>	Avoid runoff into storm sewers, ditches, and waterways.
<b>Methods for containment:</b>	Contain spills with an inert absorbent material such as soil or sand. Prevent from spreading by covering, diking or other means. Provide ventilation.
<b>Methods for cleanup:</b>	Clean up spills immediately observing precautions in the protective equipment section. Place into a suitable container for disposal. Provide ventilation. After removal, flush spill area with soap and water to remove

trace residue.

## 7. HANDLING AND STORAGE

**Handling:** Use in well-ventilated areas. Avoid breathing vapor and contact with eyes, skin and clothing. Keep away from excessive heat and open flames.

**Storage:** Store in a cool, dry, well-ventilated area away from sources of heat, combustible materials, and incompatible substances. Keep container tightly closed when not in use. Keep out of reach of children

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Ingredients with limited values to be controlled:** Not indicated.

**Local exhaust:** Recommended.

**General ventilation:** Recommended.

**Hand protection:** Suitable protective gloves.

**Eye protection:** Safety/ protective glasses.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	As per shade card
Odour	Not available
Product Weight	3.7kg/Gallon
Specific Gravity	1.3898kg/L
Boiling Point	137°C
Flash Point	26.85°C
Volatile Volume	58%
Evaporation Rate	Slower than Ether
Vapour Density	Heavier than air
Solubility in Water	Negligible
Volatile Organic Compound (VOC)	373.3g/L

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal temperatures and pressures.

**Incompatibility:** Oxidizing agents. Strong acids and alkalis.

**Condition to avoid:** Heat and Flames. Caustic soda induces a vigorous polymerization at a temperature around 200°C.

**Dangerous products of decomposition:** Not Reported

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity</b>	LD 50 expected to be > 200 mg/kg based on Xylene
<b>Effect on Eyes</b>	Irritant
<b>Effect on Skin</b>	Irritant
<b>Additional toxicological information</b>	None, according to our experience and information provided, when used and handled properly. No additional effects are anticipated besides those mentioned in Section 5 Fire Fighting Measures. This product has not been listed by IARC, OSHA, ACGIH, DSL, TSCA but contains ingredients which are toxic by ingestion, inhalation and through the skin.
<b>Carcinogenicity:</b>	Titanium dioxide has been listed by the IARC as a possible carcinogen to humans based on inadequate evidence in humans and sufficient evidence of carcinogenicity in experimental animals. Microbicides are also listed as suspected of causing cancer under EEC.

## 12. ECOLOGICAL INFORMATION

Mobility	Not reported
Biodegradability	Not reported
Bioaccumulation	Not reported
Aquatic toxicity	Not reported

## 13. DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD

Arrange disposal in accordance with local regulations regarding pollution control.

## 14. TRANSPORT INFORMATION

Shipping name	FLAMMABLE LIQUID, N.O.S. (xylene, Butan-1-ol)
UN number	1993
Hazard technical information	Not applicable
Hazard class	3

No dangerous goods under transportation regulations

## 15. REGULATORY INFORMATION

**Hazard Label Data:** This product is not classified as dangerous

### Risk Phrases

R10- Flammable.  
R45- May cause cancer.  
R21- Also harmful in contact with skin.  
R36/38- Irritating to eyes and skin.  
R43- May cause sensitization by skin contact.  
R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### Safety Phrases

S53- Avoid exposure - obtain special instructions before use.  
S2- Keep out of the reach of children.  
S29- Do not empty into drains.  
S36/37- Wear suitable protective clothing and gloves.

S46- If swallowed, seek medical advice immediately and show this container or label.  
S61- Avoid release to the environment. Refer to special instructions/safety data sheet.

**16. OTHER INFORMATION**

**HMIS Ratings:**

Health Hazard 2  
Fire Hazard 3  
Reactivity 0



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SDS Author: ANSA Coatings Limited



**Disclaimer:**

This Health and Safety Information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user.

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.