

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

(1) Product Information:-

Brand Identity:	Berger
Product Name:	Epilux 78 Converter
Product Class:	Two Component 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 vapour or Spray Mist
EYE or SKIN contact with the product, vapour or spray mist.
INGESTION of product

EFFECTS OF OVEREXPOSURE

EYES:	Irritation.
SKIN:	Prolonged or repeated exposure may cause dermatitis.
INHALATION:	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	%
Xylene	1330-20-7	30-50
2,4,6-tris(dimethylaminomethyl)phenol	90-72-2	10

4. FIRST AID MEASURES

EYES:	Flush eyes with large quantities of water for 15 minutes. Get medical attention.
SKIN	Remove contaminated clothing immediately and launder before reusing. Wash the affected area thoroughly with soap and water. If irritation persists, seek medical attention.
INHALATION	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.
INGESTION:	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

Personal Precautions:	Avoid contact with skin and eyes. Do not breathe vapour. Extinguish naked flames. Remove ignition sources. Avoid sparks.
Personal Protection:	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.
Methods for containment:	Contain spills with an inert absorbent material such as soil or sand. Prevent from spread by covering, diking or other means. Provide ventilation.

Methods for cleanup: 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

Environmental Precautions: 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	0.91 g/l
Boiling Point	137°C
Flash Point	23-29°C
Ignition Temperature	>350°C
Water Solubility	Negligible
VOC	160g/L

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute toxicity – oral Acute toxicity - dermal Effect on Eyes Effect on Skin	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
--	---

12. ECOLOGICAL INFORMATION

Water contamination class	2 (self classification).
---------------------------	--------------------------

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 20th, 2001
SDS Revision Date: May 15th, 2025

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 we must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed on 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.