SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

(1) **Product Information**:-

Brand Identity:	Berger
Product Name:	Marinelux Clear Part B
Product Class:	Two Component Acrylic Polyurethane
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 No.	Weight %
Iso-cyanate resin	28182-81-2	<75
Methoxypropyl Acetate	108-65-6	<11
Xylene	1330-20-7	<20

4. FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

SKIN: Remove contaminated clothing immediately. Wash affected area thoroughly with soap and water.

INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

INGESTION: Do not induce vomiting. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Flash Point	LEL	UEL	Flammability Classification
23-29°C (Abel closed cup)	N/A	N/A	Hazard Class 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.
Symptomsmay 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

Personal Precautions: Evacuate area and keep unnecessary and unprotected personnel from entering the spillarea. Use proper personal protective equipment as listed in Section 8.

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways.

Methods for containment: Contain spills with an inert absorbent material such as soil or sand. Prevent from spreading by covering, diking or other means. Provide ventilation.

Methods for cleanup: 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

Engineering Control Measures: Use only in well-ventilated areas.
Respiratory Protection: When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.
Hand Protection: PVC Gloves. Barrier creams may help to protect the exposed areas of the skin.
Eye Protection: Use safety eyewear designed to protect against splashes of products.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	As per shade card
Odour	Like Organic Solvents
Product Weight	0.51kg/Gallon
Specific Gravity	1.07 kg/L
Boiling Point	137ºC (Based on Xylene)
Flash Point	23-29ºC (Abel closed cup)
Volatile Volume	21.6%
Evaporation Rate	Slower than Ether
Vapour Density	Heavier than air
Solubility in Water	Negligible
Volatile Organic Compound (VOC)	240g/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 200ºC.
Dangerous products of decomposition: Not Reported

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral:	LD 50 expected to be > 2000 mg/kg based on Xylene
Acute toxicity – Dermal	LD 50 expected to be > 2000 mg/kg based on Xylene
Effect on Eyes	Irritant
Effect on Skin	Irritant
Additional toxicological information	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.
Carcinogenicity:	Not Reported

12. ECOLOGICAL INFORMATION

Mobility	Not reported
Biodegradability	Not reported
Bioaccumulation	Not reported
Aquatic toxicity	Water pollutant

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD
Arrange disposal in accordance with local regulations regarding pollution control.

14. TRANSPORT INFORMATION

Shipping name	Paint
UN number	1263
IMCO Class	3.3
Marine Pollutant	Yes

15. REGULATORY INFORMATION

Hazard Label Data:	Flammable, Harmful
Risk Phrases:	R-10 Flammable R-20/21 Harmful by inhalation and in contact with skin R-38 Irritating to skin
Safety Phrases:	S2- Keep out of the reach of children. S36/37- Wear suitable protective clothing and gloves. S46- If swallowed, seek medical advice immediately and show this container or label.

16. OTHER INFORMATION

HMIS Ratings:

Health Hazard	2
Fire Hazard	3
Reactivity	0

SDS Creation Date:	August 29th, 2016
SDS Revision Date:	January 18th 2025
Revision Number:	04
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.