

## 1. PRODUCT AND COMPANY IDENTIFICATION

**(1) Product Information:-**

|                 |                                             |
|-----------------|---------------------------------------------|
| Brand Identity: | Berger                                      |
| Product Name:   | Commercial Grade Urethane Refinisher Part A |
| Product Class:  | Two Component Acrylic Polyurethane          |
| Physical Form:  | Liquid                                      |

**(2) Company Information:-**

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

**(1) 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**

|                    |                                                      |
|--------------------|------------------------------------------------------|
| <b>EYES:</b>       | Irritation.                                          |
| <b>SKIN:</b>       | Prolonged or repeated exposure may cause irritation. |
| <b>INHALATION:</b> | 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

| <u>Chemical Name</u>    | <u>CAS No.</u> | <u>Weight %</u> |
|-------------------------|----------------|-----------------|
| Methylbenzene           | 108-88-3       | 15-30           |
| Xylene                  | 1330-20-7      | 15-30           |
| Methyl Methacrylate     | 80-62-6        | 1-5             |
| Acrylic Acid            | 79-10-7        | 1-5             |
| Titanium Dioxide        | 13463-67-79    | 1-5             |
| Methyl Propoxol Acetate | 108-65-6       | 0-1             |

## 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 (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. 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 spillarea. 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               |

## SAFETY DATA SHEET

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                  | 3.86kg/Gallon             |
| Specific Gravity                | 1.19 kg/L                 |
| Boiling Point                   | 137°C (Based on Xylene)   |
| Flash Point                     | 26.85°C (Abel closed cup) |
| Volatile Volume                 | 34.1%                     |
| Evaporation Rate                | Slower than Ether         |
| Vapour Density                  | Heavier than air          |
| Solubility in Water             | Negligible                |
| Volatile Organic Compound (VOC) | 407g/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 – Oral:</b>               | LD 50 expected to be > 2000 mg/kg based on Xylene                                                                                                                                                                                                                                                                                                          |
| <b>Acute toxicity – Dermal</b>              | LD 50 expected to be > 2000 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.<br>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>                     | 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    | Flammable<br>liquid N.O.S<br>Xylene |
| UN number        | 1993                                |
| IMCO Class       | 3                                   |
| Marine Pollutant | Yes                                 |

## 15. REGULATORY INFORMATION

|                           |                                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard Label Data:</b> | Flammable, Harmful                                                                                                                                                                      |
| <b>Risk Phrases:</b>      | R-10 Flammable<br>R-20/21 Harmful by inhalation and in contact with skin<br>R-38 Irritating to skin                                                                                     |
| <b>Safety Phrases:</b>    | S2- Keep out of the reach of children.<br>S36/37- Wear suitable protective clothing and gloves.<br>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 29<sup>th</sup>, 2016  
SDS Revision Date: January 18<sup>th</sup> 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.