



## MATERIAL SAFETY DATA SHEET (DI020)

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** DURA INDUSTRIAL EPOXY THINNERS  
**Company Name** Dura Paints (PTY) Ltd.  
**Address** 5 Wakefield Road, Founders View South, Edenvale  
**Telephone** (011) 452-5221  
**Facsimile** (011) 452-2313

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

**PHYSICAL FORM:** Liquid Form  
**HAZARDOUS COMPONENTS:** Hydrocarbons  
**CLASSIFICATION:** Moderately Hazardous  
**R-PHRASES:** R11 – Highly Flammable  
R20/22 – Harmful by inhalation and if swallowed  
R36/37/38 – Irritating to eyes, respiratory system and skin

### SECTION 3. HAZARDS IDENTIFICATION

**HEALTH EFFECTS – EYES:** Irritating.  
**INHALATION:** Respiratory irritation, dizziness, nausea and loss of consciousness.  
**INGESTION:** Swallowing may result in severe gastric irritation.  
**SKIN:** Prolonged or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis.

### SECTION 4. FIRST AID MEASURES

**EYES:** Rinse immediately with plenty of water for at least 15 min and seek medical Advice if irritation persists.  
**INHALATION:** Move to fresh air. In case of discomfort seek medical attention.  
**INGESTION:** Give plenty of water to drink. Do not induce vomiting. Get medical Attention.  
**SKIN:** Wash with soap and water or a recognised skin cleaner. Seek medical attention if irritation persists.

### SECTION 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Alcohol foam, Dry chemical powder, water fog or carbon dioxide.  
**SPECIAL HAZARDS:** Use water to keep fire exposed containers cool. If leak or spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop leak. Water spray may be used to flush spills away from exposures. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply.

**PROTECTIVE EQUIPMENT:** In case of fire, wear respiratory protection.



**SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13**

**PERSONAL PRECAUTIONS:** Use in a well ventilated area, and avoid contact with the eyes and the skin.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow product to enter sewage drains and soil.

**CLEAN UP METHOD:** Eliminate all ignition sources. Remove leaking containers to detached area. Absorb on fire retardant treated sawdust, diatomaceous earth etc. Shovel up with spark-resistant utensils for later disposal at an approved facility, in accordance with current laws and regulations.

**SECTION 7. HANDLING AND STORAGE**

**TECHNICAL MEASURES:** Use in well ventilated area away from all ignition sources. Avoid sparking conditions. Ground and bond all transfer equipment.

**SAFE HANDLING ADVICE:** Avoid prolonged repeated skin contact. Avoid contact with eyes. Avoid inhalation of vapours or mists.

**PACKAGING MATERIAL:** Keep in original container.

**STORAGE CONDITIONS:** This product is a static accumulator and therefore all storage containers should be grounded and bonded. Flammable materials should be stored in a separate safety storage cabinet or room. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well ventilated place.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**SAPMA HAZARD RATING:** 2-H-E Moderate hazard potential.

**EYES:** Chemical type goggles should be worn.

**INHALATION:** Approved respiratory equipment must be used when airborne concentrations are unknown or exceed the recommended exposure limit. Self contained breathing apparatus may be required for use in confined or enclosed spaces.

**INGESTION:** Follow the rules of hygiene. Wash hands before eating, drinking or smoking.

**SKIN:** Impervious gloves must be worn.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Water white liquid.

**SPECIFIC GRAVITY: (g/ml)** 0.82

**VISCOSITY: (sec)** 10 – 12

**BOILING POINT:(°C)** >90



## SECTION 10. STABILITY AND REACTIVITY

<b>CONDITIONS TO AVOID:</b>	Heat, sparks, flame and build up of static electricity.
<b>MATERIALS TO AVOID:</b>	Strong oxidizers.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	Carbon Monoxide

## SECTION 11. TOXICOLOGICAL INFORMATION

Acute inhalation toxicity – inhalation of vapours/mists may cause respiratory irritation. Expected to be severely irritating to gastrointestinal tract. Skin and eye irritant. Flammable liquid and vapour.

## SECTION 12. ECOLOGICAL INFORMATION

This material is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds, etc.

## SECTION 13. DISPOSAL INFORMATION

**DISPOSAL METHODS:** Mix with a compatible chemical which is less combustible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

**DISPOSAL OF PACKAGING:** Contaminated packaging should be emptied as far as possible and after appropriate cleaning may be taken for reuse or disposed of in approved facility in accordance with current local legislation.

## SECTION 14. TRANSPORT INFORMATION

<b>SHIPPING NAME:</b>	1268, Petroleum distillates, n.o.s. or petroleum products, n.o.s.
<b>PACKAGING GROUP:</b>	II
<b>HAZARD CLASS:</b>	3
<b>S.I.N NUMBER:</b>	1268

**SECTION 15. REGULATORY INFORMATION**

- S-PHRASES:**
- S2 - Keep out of reach of children.
  - S13 - Keep away from food, drink and animal feeding stuffs
  - S16 - Keep away from sources of ignition - No smoking
  - S24/25 – Avoid contact with skin and eyes
  - S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
  - S36/37 – Wear suitable protective clothing and gloves
  - S51 – Use only in well-ventilated areas
  - S60 – This material and its container must be disposed of as hazardous waste
  - S62 – If swallowed, do not induce vomiting: Seek medical advice immediately and show this container or label where possible

**SECTION 16. OTHER INFORMATION**

Empty containers may contain product residue including flammable or explosive vapours. Do not cut, puncture or weld on or near container. All label warnings and precautions must be observed until the container has been thoroughly cleaned or destroyed.

**DISCLAIMER:**

For intended use and applications see the Technical Data Sheet for the product. The information provided in this Material Safety Data Sheet is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for the errors or the omissions or the consequences thereof. Technology may change with time necessitating changes to this MSDS/Technical Data Sheet. It is the responsibility of the user to ensure that the latest MSDS/ Technical Data sheet is being used. See [www.durapaints.co.za](http://www.durapaints.co.za) for the latest versions.



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