



MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name DURA INDUSTRIAL POLYURETHANE / 2K THINNERS (DI021)
Company Name Dura Paints Pty
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: R10
R18
R20
R38
R41
R66

SECTION 3. HAZARDS IDENTIFICATION

HEALTH EFFECTS – EYES: Serious damage to the eyes.
INHALATION: Harmful – inhalation of vapours may cause dizziness, an irregular heartbeat, narcosis, nausea or asphyxiation.
INGESTION: Hazardous – may be fatal if swallowed.
SKIN: Repeated exposure may cause skin dryness or cracking.

SECTION 4. FIRST AID MEASURES

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

Note to physician: support respiratory and cardiovascular function.



SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:	Dry chemical powder, water spray or fog.
SPECIAL HAZARDS:	Flammable in presence of open flames, sparks and static discharge of heat, oxidizing materials, combustible materials, reducing materials and of alkalis. Explosive in the form of vapour when exposed to heat or flame. Vapour may travel considerable distance to source of ignition and flash back.
PROTECTIVE EQUIPMENT:	In case of fire, wear respiratory protection.

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

PERSONAL PRECAUTIONS:	Avoid contact with eyes, skin and clothing.
ENVIRONMENTAL PRECAUTIONS:	Do not allow product to enter sewage drains, soil or watercourses.
CLEAN UP METHOD:	Absorb with dry earth, sand or other non-combustible material. Shovel up and dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal. Eliminate all ignition sources. Remove leaking containers to detached area. Do not get water inside container. Poisonous flammable liquid, insoluble or very slightly soluble in water.

SECTION 7. HANDLING AND STORAGE

TECHNICAL MEASURES:	Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. To avoid fire or explosion, dissipate static electricity during transfer by bonding containers and equipment before transferring material.
SAFE HANDLING ADVICE:	Avoid contact with skin and eyes.
PACKAGING MATERIAL:	Keep in original container.
STORAGE CONDITIONS:	Store in a separate safety storage cabinet or room. Keep container tightly closed and sealed until ready for use. Keep in a well ventilated place. Storage containers should be grounded and bonded. Store in a cool area away from all ignition sources.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SAPMA HAZARD RATING:	2-H-E Moderate hazard potential.
EYES:	Splash goggles should be worn.
INHALATION:	Use appropriate respirator when ventilation is inadequate.
INGESTION:	Follow the rules of hygiene. Wash hands before eating, drinking or smoking.
SKIN:	Butyl rubber gloves should be worn, chemical resistant safety boots.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Water white liquid.
SPECIFIC GRAVITY: (g/ml)	0.84
VISCOSITY: (sec)	10 – 12
BOILING PONT: (°C)	60 – 73
VOC: (%)	100

SECTION 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:	Heat, sparks, flame and build up of static electricity.
MATERIALS TO AVOID:	Reactive with oxidizing agents, reducing agents, organic materials, acids, alkalis and metals.
HAZARDOUS DECOMPOSITION PRODUCTS:	Emits acid smoke and irritating fumes, carbon oxides such as carbon monoxide and carbon dioxide.

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogenic effects established - inhalation of vapours may cause dizziness, an irregular heartbeat, narcosis, nausea or asphyxiation. No mutagenic or genetic effects established. Inhalation of vapours/mists causes acute oral and dermal toxicity. Expected to be severely irritating to gastrointestinal tract.

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. This material is toxic to fish and wildlife. Do not discharge into lakes, streams, ponds, etc.

SECTION 13. DISPOSAL INFORMATION

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. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

SHIPPING NAME:	1268, Petroleum distillates, n.o.s. or petroleum products, n.o.s.
PACKAGING GROUP:	II
HAZARD CLASS:	3
S.I.N NUMBER:	1268 (Flammable liquid N.O.S)

SECTION 15. REGULATORY INFORMATION

- S-PHRASES:**
- S2 - Keep out of reach of children.
 - S9 – Keep container in well ventilated place.
 - S13 - Keep away from food, drink and animal feeding stuffs
 - S16 - Keep away from sources of ignition - No smoking
 - S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 - S39 – Wear eye/face protection.
 - 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.

SECTION 16. OTHER INFORMATION

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 for the latest versions.



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