



MATERIAL SAFETY DATA SHEET (DI021)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name DURA INDUSTRIAL HEAVY DUTY 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: Aromatic Hydrocarbons
CLASSIFICATION: Moderately Hazardous
R-PHRASES: R11 – Highly Flammable
 R20/22 – Harmful by inhalation and if swallowed
 R36/38 – Irritating to eyes and skin
 R48/23/24/25 – Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed
 R45 – May cause cancer

SECTION 3. HAZARDS IDENTIFICATION

HEALTH EFFECTS – EYES: Hazardous in case of eye contact, irritating.
INHALATION: Hazardous - Irritating, dizziness, nausea and loss of consciousness. Visual disturbances, cardiac sensitization and other central nervous system effects. Respiratory distress, confusion and coma in cases of significant overexposure. Excessive breathing of vapours can result in temporary liver or kidney damage.
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.
INHALATION: Move to fresh air. In case of discomfort seek medical attention. WARNING – it may be hazardous to the person performing aid to give CPR when inhaled material is toxic, infectious or corrosive.
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.



SECTION 5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA:** Alcohol foam, Dry chemical powder, water fog or carbon dioxide.
- SPECIAL HAZARDS:** Flammable – vapour accumulation could flash or explode if in contact with an open flame. Water spray should only be used to keep fire-exposed containers cool, flush spills away from exposures, disperse vapours and protect personnel attempting to stop the leak. Prevent runoff from fire control or dilution from entering streams, municipal 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, soil, watercourses or confined spaces which could cause explosive conditions.
- 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)	0.89
VISCOSITY: (sec)	10 – 12
BOILING POINT:(°C)	139

SECTION 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:	Heat, sparks, flame and build up of static electricity.
MATERIALS TO AVOID:	Halogens, strong acids, alkalis and oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Toxic fumes may result including carbon Monoxide and smoke.

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. Classified as possibly carcinogenic to humans. Flammable liquid and vapour, headache, dizziness, nausea, loss of consciousness and in cases of extreme exposure possibly death. Low viscosity material-if swallowed, may be aspirated and can cause fatal lung damage.

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: Product is suitable for burning in an enclosed, controlled burner for fuel value or disposal by supervised incineration. 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

SHIPPING NAME: 1307, Xylenes
PACKAGING GROUP: II
HAZARD CLASS: 3
S.I.N NUMBER: 1307

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

Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. Information provided on this MSDS reflects intended use. This product should not be used for any other applications. In any case, the following advice should be considered:

Injection injury warning – if product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a doctor as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.



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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