



MATERIAL SAFETY DATA SHEET

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name DURA INDUSTRIAL ETCH THINNERS (DI015)
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

SECTION 3. HAZARDS IDENTIFICATION

HEALTH EFFECTS – EYES: Hazardous in case of eye contact.
INHALATION: Hazardous - Irritating, dizziness, nausea and loss of consciousness.
INGESTION: Hazardous in case of ingestion.
SKIN: Highly irritating, skin inflammation may occur which is characterized by itching, scaling, reddening or occasionally blistering.

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. Cover the contaminated skin with an anti-bacterial cream. The product is a solvent irritating for skin. If the victim still suffers after a long term rinsing with water, we suggest rinsing the contaminated area (skin or eyes) with lukewarm pasteurized milk. After the pain has stopped, rinse thoroughly with running water to avoid possible



infection. Milk is a very good emulsifier and it is also very mild for the skin and eyes.

Note to physician – support respiratory and cardiovascular function

SECTION 5. FIRE FIGHTING MEASURES

- EXTINGUISHING MEDIA:** Alcohol foam, Dry chemical powder or carbon dioxide. Keep surrounding containers and area cool with water sprays.
- SPECIAL HAZARDS:** Flammable - Vapour accumulation could flash and/or explode if ignited. In case of fire, hazardous combustion-gasses are formed – CO. Under certain conditions of combustion traces of other toxic substances cannot be excluded. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
- 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 or watercourses.
- CLEAN UP METHOD:** Poisonous flammable liquid, insoluble or very slightly soluble in water. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. DO NOT get water inside container. DO NOT touch spilled material. Prevent entry into sewers, basements or confined areas. Eliminate all sources of ignition.

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 inhalation of vapours or mists.
- PACKAGING MATERIAL:** Keep in original container.
- STORAGE CONDITIONS:** 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. Ground all equipment containing material.



SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| 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

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| APPEARANCE: | Water white liquid. |
| SPECIFIC GRAVITY: (g/ml) | 0.84 |
| VISCOSITY: (sec) | 10 - 12 |

SECTION 10. STABILITY AND REACTIVITY

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| CONDITIONS TO AVOID: | Heat, sparks, flame and build up of static electricity. |
| MATERIALS TO AVOID: | Strong Oxidizers. |
| HAZARDOUS DECOMPOSITION PRODUCTS: | Toxic fumes may result including carbon Monoxide and smoke. |

SECTION 11. TOXICOLOGICAL INFORMATION

Vapours irritate the respiratory system, and may cause coughing and difficulties in breathing. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Harmful if swallowed. Prolonged or repeated exposure may cause severe irritation. Extreme irritation of the eyes and mucous membrane including burning and tearing. Risk of serious damage to the eyes.

SECTION 12. ECOLOGICAL INFORMATION

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

SECTION 13. DISPOSAL INFORMATION

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| 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 |
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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: 1263, Flammable liquids
PACKAGING GROUP: III
HAZARD CLASS: 3
S.I.N NUMBER: 1263

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

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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Dura Paints (PTY) Ltd. - CK 2012/184075/07

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