

# Dura Paints - HDPU Tint - White

## Safety Data Sheet

According to Regulations for Hazardous Chemical Agents, 2021 and United Nations GHS revision 10  
Issue date: 8/21/2023 Revision date: 6/30/2026 Supersedes: 3/6/2026 Version: 1.4

### SECTION 1: Identification of the substance/mixture and of the supplier/undertaking

#### 1.1. GHS product identifier

|                 |                                   |
|-----------------|-----------------------------------|
| Product form    | : Mixture                         |
| Trade name      | : Dura Paints - HDPU Tint - White |
| Type of product | : coatings                        |
| Product code    | : HDPUTINTW                       |
| Product group   | : Trade product                   |

#### 1.2. Other means of identification

No additional information available

#### 1.3. Recommended use of the chemical and restrictions on use

|                 |                                               |
|-----------------|-----------------------------------------------|
| Recommended use | : Colourant used in light industrial coatings |
|-----------------|-----------------------------------------------|

#### 1.4. Supplier's details

##### Manufacturer

Dura Paints (Pty) Ltd.  
5 Wakefield Road; Founders View South.  
P.O. Box 303  
1610 Edenvale; Johannesburg – South Africa  
T 011 452 5221  
[orders@durapaints.co.za](mailto:orders@durapaints.co.za) - [www.durapaints.co.za](http://www.durapaints.co.za)

#### 1.5. Emergency phone number

|                  |                               |
|------------------|-------------------------------|
| Emergency number | : 079 494 2731 / 011 452 5221 |
|------------------|-------------------------------|

### SECTION 2: Hazard identification

#### 2.1. GHS classification of the substance/mixture and any national or regional information

##### Classification according to the United Nations GHS

|                                                                   |      |
|-------------------------------------------------------------------|------|
| Flammable liquids, Category 3                                     | H226 |
| Skin corrosion/irritation, Category 2                             | H315 |
| Carcinogenicity, Category 2                                       | H351 |
| Specific target organ toxicity – single exposure, Category 1      | H370 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 2 | H411 |

Full text of H-statements: see section 16

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Adverse physicochemical, human health and environmental effects | : When product is in liquid form, hazards related to cancer are not present, but it contains substances (Titanium) that could be potential hazards if caused to become airborne due to abrasive processes, Flammable liquid and vapour, Suspected of causing cancer, Causes damage to organs, Causes skin irritation, Toxic to aquatic life with long lasting effects. |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 2.2. GHS label elements, including precautionary statements

##### Labelling according to the United Nations GHS

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard pictograms (GHS ZA) | :    |
| Signal word (GHS ZA)       | : Danger                                                                                                                                                                                                                                                       |
| Hazardous ingredients      | : Xylene; Titanium dioxide                                                                                                                                                                                                                                     |
| Hazard statements (GHS ZA) | : H226 - Flammable liquid and vapour<br>H315 - Causes skin irritation<br>H351 - Suspected of causing cancer (Inhalation)                                                                                                                                       |

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|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary statements (GHS ZA) | H370 - Causes damage to organs (central nervous system, Skin, liver, kidneys) (Inhalation, Dermal, Oral)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                   | H411 - Toxic to aquatic life with long lasting effects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| P-statements for label (GHS-ZA)   | : P101 - If medical advice is needed, have product container or label and product safety data sheet at hand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                   | P102 - Keep out of reach of children.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                   | P103 - Read carefully and follow all instructions.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                   | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                   | P261 - Avoid breathing fume, mist, spray, vapours.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                   | P273 - Avoid release to the environment.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|                                   | P280 - Wear eye protection, protective clothing, protective gloves.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                   | P271 - Use only outdoors or in a well-ventilated area.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                   | P501 - Dispose of container to recycling, according to local regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                                   | : P101 - If medical advice is needed, have product container or label and product safety data sheet at hand.; P102 - Keep out of reach of children.; P103 - Read carefully and follow all instructions.; P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.; P261 - Avoid breathing fume, mist, spray, vapours.; P273 - Avoid release to the environment.; P280 - Wear eye protection, protective clothing, protective gloves.; P271 - Use only outdoors or in a well-ventilated area.; P501 - Dispose of container to recycling, according to local regulations. |

### 2.3. Other hazards which do not result in classification or are not covered by the GHS

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name             | Product identifier  | %       | Classification according to the United Nations GHS                                                                                                                                                                                                                       |
|------------------|---------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Titanium dioxide | CAS-No.: 13463-67-7 | 50 – 70 | Acute Tox. Not classified (Oral)<br>Acute Tox. Not classified (Inhalation:dust,mist)<br>Carc. 2, H351<br>Aquatic Chronic Not classified                                                                                                                                  |
| Xylene           | CAS-No.: 1330-20-7  | 15 – 25 | Flam. Liq. 3, H226<br>Acute Tox. Not classified (Oral)<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation), H332<br>Acute Tox. Not classified (Inhalation:vapour)<br>Skin Irrit. 2, H315<br>STOT SE 1, H370<br>STOT RE Not classified<br>Aquatic Chronic 2, H411 |

## SECTION 4: First aid measures

### 4.1. Description of necessary first aid measures

|                                     |                                                                                                                                                                                                                               |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general          | : If medical advice is needed, have product container or label at hand. Get medical advice/attention if you feel unwell.                                                                                                      |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. If breathing stops, give artificial respiration . If respiratory irritation, dizziness, nausea or unconsciousness occurs, seek immediate medical assistance. |

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|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures after skin contact | : Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. If product is injected into or under the skin, or any part of the body, it should be treated 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. |
| First-aid measures after eye contact  | : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.                                                                                                                                                                                                                                       |
| First-aid measures after ingestion    | : Do NOT induce vomiting. Rinse mouth out with water. Keep the affected person calm and seated upright. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get immediate medical advice/attention.                                                                                                                                                                                                                        |
| Self protection of the first-aiders   | : First-aiders should pay attention to their own protection and use the recommended personal protective equipment (see section 8).                                                                                                                                                                                                                                                                                                                             |

### 4.2. Most important symptoms/effect, acute and delayed

|                                                  |                                                                                                                                                                                                                             |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                                 | : Harmful if inhaled. May cause drowsiness or dizziness. Harmful in contact with skin. Causes serious eye irritation. May be fatal if swallowed and enters airways.                                                         |
| Symptoms/effects after inhalation                | : Adverse symptoms may include nausea or vomiting, headache, respiratory irritation.                                                                                                                                        |
| Symptoms/effects after skin contact              | : Causes skin irritation. May cause redness, dryness, and discomfort.                                                                                                                                                       |
| Symptoms/effects after eye contact               | : Adverse symptoms may include pain, irritation, watering and redness. Blurred vision.                                                                                                                                      |
| Symptoms/effects after ingestion                 | : Swallowing material may cause irritation of the gastrointestinal lining, nausea, vomiting, diarrhea, and abdominal pain. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. |
| Symptoms/effects upon intravenous administration | : Pain, swelling, and erythema: Rapid onset at the injection site; Chemical necrotising cellulitis: Inflammatory destruction of soft tissue, often within 24 hours. Get medical attention immediately.                      |
| Chronic symptoms                                 | : Neurological: Headaches, memory loss, fatigue; Dermal: Can lead to dermatitis, with symptoms like cracking, scaling, and inflammation; Renal/Hepatic: Liver and kidney stress.                                            |

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

See section 4.1. Description of first-aid measures. Treat symptomatically. Monitor respiratory and neurological status.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

|                                |                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------|
| Suitable extinguishing media   | : Dry powder. Foam. Carbon dioxide. Water spray or fog. Use water spray or fog for cooling exposed containers. |
| Unsuitable extinguishing media | : Do not use a heavy water stream.                                                                             |

### 5.2. Specific hazards arising from the chemical

|                                                  |                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire hazard                                      | : Flammable liquid and vapour.                                                                                                                                                                                                                                                                       |
| Explosion hazard                                 | : Vapours may form explosive mixture with air. When vapors accumulate in enclosed or poorly ventilated areas, any ignition source (e.g. static discharge, open flame, hot surfaces) can trigger an explosion. This is especially critical in spray booths, storage tanks, and confined mixing areas. |
| Reactivity in case of fire                       | : Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.                                                                                                                                                                       |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released.                                                                                                                                                                                                                                                                       |

### 5.3. Special protective actions for fire-fighters

|                                          |                                                                                                                                          |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary measures fire              | : Evacuate area. Eliminate all ignition sources if safe to do so. Cool endangered containers with water spray or fog.                    |
| Firefighting instructions                | : Fight fire from safe distance and protected location. Stay upwind of fire.                                                             |
| Protection during firefighting           | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |
| Personal protection (Emergency response) | : Fire-resistant protective clothing, Use breathing equipment (SCBA), Use only explosion-proof equipment and PPE                         |

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Other information

: Dyke fire control water for later disposal. Do not allow run-off from fire-fighting to enter drains or water courses. Notify authorities if run-off does enter drains or water courses.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

|                                                                     |                                                                                                                                                    |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| General measures                                                    | : Evacuate non-essential personnel. Eliminate every possible source of ignition. Ventilate spillage area.                                          |
| Personal Precautions, Protective Equipment and Emergency Procedures | : Avoid contact with skin and eyes, avoid breathing vapours. Use only non-sparking tools. Complete protective clothing.                            |
| Prevention Measures for Secondary Accidents                         | : Stop leaks if it can be done without personal risk. Remove ignition sources. Avoid sparks. Take precautionary measures against static discharge. |

#### 6.1.1. For non-emergency personnel

|                      |                                                                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Wear recommended personal protective equipment.                                                                                                      |
| Emergency procedures | : Ventilate spillage area. No open flames, no sparks, and no smoking. Do not breathe mist, spray, vapours. Avoid contact with skin, eyes and clothing. |

#### 6.1.2. For emergency responders

|                      |                                                                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Prevent from entering sewers, basements and workpits, or any place where its accumulation can be dangerous.                                               |

### 6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and materials for containment and cleaning up

|                         |                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.                                                                          |
| Methods for cleaning up | : Absorb spillage with vermiculite or sand; Scoop into labeled hazardous waste container. Use non-sparking tools. Clean spill area with detergent and water — avoid solvents. |
| Other information       | : Dispose of contaminated materials according to Section 13.                                                                                                                  |

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling     | : Avoid all contact with skin, eyes, or clothing. Avoid breathing mist, spray, vapours. Provide local exhaust or general room ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Use explosion-proof equipment. Wear personal protective equipment. |
| Local and general ventilation     | : Local exhaust ventilation.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Hygiene measures                  | : Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling. Wash contaminated clothing before reuse.                                                                                                                                                                                                                                                                                        |
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use.                                                                                                                                                                                                                                                                                                                                                     |

### 7.2. Conditions for safe storage, including any incompatibilities

|                       |                                                                                                                                                                                                                                      |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technical measures    | : Ground/bond container and receiving equipment.                                                                                                                                                                                     |
| Storage conditions    | : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.                                                                                                                                       |
| Storage area          | : Ensure electrical equipment and fittings comply with local fire prevention regulations for this class of product. Refer to national or local regulations covering safety at petroleum handling and storage areas for this product. |
| Incompatible products | : Oxidizing agent. Strong acids. Strong bases.                                                                                                                                                                                       |

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|                                       |                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------|
| Packaging materials                   | : Always store product in container of same material as original container. |
| Material used in packaging/containers | : steel, hdpu or approved chemical drums.                                   |
| Storage temperature                   | : < 30 °C                                                                   |

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Xylene (1330-20-7)                                                |                                                                                                          |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| South Africa - Occupational Exposure Limits (Restricted Limits)   |                                                                                                          |
| Local name                                                        | Xylene, o-, m-, p- or mixed isomers                                                                      |
| OEL eight hour TWA                                                | 300 ppm                                                                                                  |
| RHCA - STEL/C                                                     | 200 ppm                                                                                                  |
| Remark                                                            | SKIN (danger of cutaneous absorption)                                                                    |
| Regulatory reference                                              | Government Notice No. R. 280, 2021                                                                       |
| South Africa - Occupational Exposure Limits (Airborne Pollutants) |                                                                                                          |
| Local name                                                        | Xylene, o-, m-, p- or mixed isomers                                                                      |
| OEL TWA                                                           | 218 mg/m <sup>3</sup>                                                                                    |
|                                                                   | 50 ppm                                                                                                   |
| OEL STEL                                                          | 435 mg/m <sup>3</sup>                                                                                    |
|                                                                   | 100 ppm                                                                                                  |
| Remark                                                            | Sk (Danger of cutaneous absorption)                                                                      |
| Regulatory reference                                              | Government Notice No. R 904                                                                              |
| South Africa - Biological limit values                            |                                                                                                          |
| Local name                                                        | Xylenes                                                                                                  |
| BEI                                                               | 1.5 g/g creatinine Parameter: Methylhippuric acids - Medium: urine - Sampling time: End of shift         |
| Regulatory reference                                              | Government Notice No. R. 280, 2021                                                                       |
| Titanium dioxide (13463-67-7)                                     |                                                                                                          |
| South Africa - Occupational Exposure Limits (Restricted Limits)   |                                                                                                          |
| Local name                                                        | Titanium dioxide                                                                                         |
| RHCA - STEL/C                                                     | 10 mg/m <sup>3</sup><br>10 mg/m <sup>3</sup> total inhalable dust<br>5 mg/m <sup>3</sup> respirable dust |
| Remark                                                            | CARC (denotes carcinogenicity, which is based on GHS categorisation, including category 1A, 1B)          |
| Regulatory reference                                              | Government Notice No. R. 280, 2021<br>Government Notice. R: 1179                                         |
| South Africa - Occupational Exposure Limits (Airborne Pollutants) |                                                                                                          |
| Local name                                                        | Titanium dioxide                                                                                         |
| OEL TWA                                                           | 10 mg/m <sup>3</sup> inhalable particulate<br>5 mg/m <sup>3</sup> respirable particulate                 |
| Regulatory reference                                              | Government Notice No. R 904                                                                              |

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### 8.2. Appropriate engineering controls

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | : Ensure good ventilation of the work station. Monitor vapour concentrations in confined areas. |
| Environmental exposure controls  | : Avoid release to the environment.                                                             |

### 8.3. Individual protection measures, such as personal protective equipment

|                                         |                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------|
| Materials for protective clothing       | : Chemical resistant overalls                                              |
| Hand protection                         | : Protective gloves                                                        |
| Eye protection                          | : Wear security glasses which protect from splashes                        |
| Skin and body protection                | : Wear suitable protective clothing                                        |
| Respiratory protection                  | : In case of insufficient ventilation, wear suitable respiratory equipment |
| Personal protective equipment symbol(s) |                                                                            |



### 8.4. Exposure limit values for the other components

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Basic physical and chemical properties

|                                                 |                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------|
| Physical state                                  | : Liquid                                                                    |
| Appearance                                      | : Viscous liquid.                                                           |
| Colour                                          | : white                                                                     |
| Odour                                           | : Aromatic solvent like odour                                               |
| Odour threshold                                 | : No data available                                                         |
| pH                                              | : No data available                                                         |
| pH solution                                     | : No data available                                                         |
| Relative evaporation rate (butylacetate=1)      | : No data available                                                         |
| Relative evaporation rate (ether=1)             | : No data available                                                         |
| Melting point                                   | : Not applicable                                                            |
| Freezing point                                  | : No data available                                                         |
| Boiling point                                   | : > 136.16 – < 144.5 °C Derived form Xylene value; @ 101.3 kPa;Source: ECHA |
| Flash point                                     | : ≈ 27 °C Derived form Xylene value;Source: Supplier SDS                    |
| Auto-ignition temperature                       | : No data available                                                         |
| Decomposition temperature                       | : No data available                                                         |
| Flammability                                    | : Flammable liquid and vapour.                                              |
| Vapour pressure                                 | : ≈ 14.2 hPa Derived form Xylene value; Source: ECHA                        |
| Vapour pressure at 50°C                         | : No data available                                                         |
| Relative vapour density at 20°C                 | : ≈ 0.865 Derived form Xylene value                                         |
| Relative density                                | : > 1.05 – < 1.84 Source: Product SDS                                       |
| Relative density of saturated gas/air mixture   | : No data available                                                         |
| Density                                         | : No data available                                                         |
| Relative gas density                            | : No data available                                                         |
| Solubility                                      | : soluble in most organic solvents. Material insoluble in water.            |
| Partition coefficient n-octanol/water (Log Pow) | : No data available                                                         |
| Partition coefficient n-octanol/water (Log Kow) | : No data available                                                         |
| Viscosity, kinematic                            | : < 1 mm²/s Derived form Xylene value;@ 40 degrees C; Source: Supplier SDS  |
| Viscosity, dynamic                              | : > 440 – < 1200 cP Source: Product TDS - Varies per colour                 |
| Explosive properties                            | : No data available                                                         |
| Oxidising properties                            | : No data available                                                         |
| Explosive limits                                | : No data available                                                         |
| Lower explosion limit                           | : ≈ 1.9 Vol-% Derived from Xylene value; Source: Supplier SDS               |
| Upper explosion limit                           | : ≈ 12.3 Vol-% Derived from Xylene value; Source: Supplier SDS              |
| Physical state                                  | : Liquid                                                                    |
| Appearance                                      | : Viscous liquid.                                                           |

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### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical Stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Direct sunlight.

### 10.5. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

Likely routes of exposure : Dermal. Ingestion. Inhalation.

### 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

| Xylene (1330-20-7)    |                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------|
| LD50 oral rat         | > 3523 – < 6631 mg/kg bodyweight XYLENE : ECHA                                      |
| LD50 dermal rabbit    | 12126 mg/kg bodyweight Animal: rabbit, Animal sex: male, Remarks on results: other: |
| LC50 Inhalation - Rat | ≥ 27.124 mg/l XYLENE : ECHA                                                         |

| Titanium dioxide (13463-67-7)     |                                                                      |
|-----------------------------------|----------------------------------------------------------------------|
| LD50 oral rat                     | > 2000 – < 25000 mg/kg bodyweight Practically nontoxic; Source: ECHA |
| LC50 Inhalation - Rat (Dust/Mist) | > 3.43 – < 6.82 mg/l/4h Source: ECHA                                 |

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Not classified

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer (Inhalation).

| Titanium dioxide (13463-67-7) |                                      |
|-------------------------------|--------------------------------------|
| IARC group                    | 2B - Possibly carcinogenic to humans |

Reproductive toxicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Causes damage to organs (central nervous system, Skin, liver, kidneys) (Inhalation, Dermal, Oral).

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| Xylene (1330-20-7)           |                                                                |
|------------------------------|----------------------------------------------------------------|
| LOAEL (oral, rat)            | ≈ 150 mg/kg bodyweight XYLENE : ECHA                           |
| NOAEL (oral, rat)            | ≈ 250 mg/kg bodyweight XYLENE : ECHA                           |
| NOAEC (inhalation, rat, gas) | > 450 – < 1800 ppmv/4h XYLENE : 12H : ECHA                     |
| STOT-single exposure         | Causes damage to organs (central nervous system) (Inhalation). |

STOT-repeated exposure : Not classified

| Xylene (1330-20-7)         |                                                                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LOAEL (oral, rat, 90 days) | 150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity) |

Aspiration hazard : Not classified

| Dura Paints - HDPU Tint - White |                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------|
| Viscosity, kinematic            | < 1 mm <sup>2</sup> /s Derived form Xylene value;@ 40 degrees C; Source: Suppller SDS |

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Toxic to aquatic life with long lasting effects.  
Hazardous to the aquatic environment, short-term (acute) : Not classified  
Hazardous to the aquatic environment, long-term (chronic) : Toxic to aquatic life with long lasting effects.

| Xylene (1330-20-7)   |                                                                                                            |
|----------------------|------------------------------------------------------------------------------------------------------------|
| LC50 - Fish [1]      | > 2.6 – < 9.6 mg/l Source: ECHA                                                                            |
| EC50 - Crustacea [1] | ≥ 10.389 mg/l Source: Echa                                                                                 |
| EC50 72h - Algae [1] | > 4.6 – < 4.9 mg/l XYLENE : Aquatic Algae : ECHA                                                           |
| LOEC (chronic)       | 3.16 mg/l Test organisms (species): Daphnia magna Duration: '21 d'                                         |
| NOEC chronic fish    | > 1.3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d' |
| NOEC chronic algae   | ≈ 0.44 mg/l XYLENE : Aquatic Algae 73H : ECHA                                                              |

| Titanium dioxide (13463-67-7)      |                                               |
|------------------------------------|-----------------------------------------------|
| EC50 - Crustacea [1]               | > 2.41 – < 103.9 mg/l Source: ECHA            |
| EC50 - Other aquatic organisms [1] | > 100 mg/l Test organisms (species):          |
| EC50 72h - Algae [1]               | ≥ 100 mg/l Source: ECHA                       |
| LOEC (acute)                       | ≈ 160 mg/l Fish, 4 Days; Source: ECHA         |
| LOEC (chronic)                     | ≈ 5 mg/l Crustacea, 21 Days; Source: ECHA     |
| NOEC (acute)                       | 0.004 – 0.08 mg/l 28 Dday, fish; Source: Echa |
| NOEC (chronic)                     | ≥ 100 mg/l 28 days; Source: ECHA              |
| NOEC chronic fish                  | > 80 – < 160 mg/l 6 days; Source: ECHA        |

### 12.2. Persistence and degradability

| Dura Paints - HDPU Tint - White |                    |
|---------------------------------|--------------------|
| Persistence and degradability   | Rapidly degradable |

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According to Regulations for Hazardous Chemical Agents, 2021 and United Nations GHS revision 10

| Xylene (1330-20-7)            |                                               |
|-------------------------------|-----------------------------------------------|
| Persistence and degradability |                                               |
| Chemical oxygen demand (COD)  | > 2.56 – < 2.91 g O <sub>2</sub> /g substance |
| Titanium dioxide (13463-67-7) |                                               |
| Persistence and degradability |                                               |

### 12.3. Bioaccumulative potential

| Dura Paints - HDPU Tint - White                 |                                              |
|-------------------------------------------------|----------------------------------------------|
| Bioaccumulative potential                       | No additional information available          |
| Xylene (1330-20-7)                              |                                              |
| Partition coefficient n-octanol/water (Log Pow) | > 3.155 – < 3.16 XYLENE @ 20 °C : ECHA       |
| Partition coefficient n-octanol/water (Log Kow) | > 3.12 – < 3.2 XYLENE @ 20 °C and pH 7: ECHA |

### 12.4. Mobility in soil

| Dura Paints - HDPU Tint - White                            |                                     |
|------------------------------------------------------------|-------------------------------------|
| Mobility in soil                                           | No additional information available |
| Xylene (1330-20-7)                                         |                                     |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | ≈ 537 XYLENE: @ 20 °C : ECHA        |

### 12.5. Other adverse effects

|                       |                                       |
|-----------------------|---------------------------------------|
| Ozone                 | : Not classified                      |
| Other adverse effects | : No additional information available |

## SECTION 13: Disposal Considerations

### 13.1. Disposal methods

|                                            |                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regional waste regulation                  | : HCA Regulations under OHSA (2021). South Africa's Waste Act (Act 59 of 2008).                                                                                                                                                                                                                 |
| Waste treatment methods                    | : Incineration at licensed facilities must occur in a hazardous waste incinerator with air pollution control systems. Solvent recovery units can reclaim the product from mixtures or contaminated waste, Suitable for paint and coating industries where the product is used in large volumes. |
| Sewage disposal recommendations            | : Do not dispose of waste into sewer or stormwater systems.                                                                                                                                                                                                                                     |
| Product/Packaging disposal recommendations | : Refer to manufacturer/supplier for information on recovery/recycling.                                                                                                                                                                                                                         |
| Ecological waste information               | : Avoid release to the environment.                                                                                                                                                                                                                                                             |
| Additional information                     | : Flammable vapours may accumulate in the container. Do not re-use empty containers.                                                                                                                                                                                                            |

## SECTION 14: Transport information

In accordance with SANS / UN RTDG / IMDG / IATA

| SANS                          | UN RTDG                | IMDG                   | IATA  |
|-------------------------------|------------------------|------------------------|-------|
| 14.1. UN number               |                        |                        |       |
| 1263                          | 1263                   | 1263                   | 1263  |
| 14.2. UN Proper Shipping Name |                        |                        |       |
| PAINT RELATED MATERIAL        | PAINT RELATED MATERIAL | PAINT RELATED MATERIAL | Paint |

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| SANS                                      | UN RTDG                                | IMDG                                                                               | IATA                                             |
|-------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------|
| <b>Transport document description</b>     |                                        |                                                                                    |                                                  |
| Not applicable                            | UN 1263 PAINT RELATED MATERIAL, 3, III | UN 1263 PAINT RELATED MATERIAL, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS | UN 1263 Paint, 3, III, ENVIRONMENTALLY HAZARDOUS |
| <b>14.3. Transport hazard class(es)</b>   |                                        |                                                                                    |                                                  |
| 3                                         | 3                                      | 3                                                                                  | 3                                                |
|                                           | <br>Not applicable                     |                                                                                    |                                                  |
| <b>14.4. Packing group, if applicable</b> |                                        |                                                                                    |                                                  |
| III                                       | III                                    | III                                                                                | III                                              |
| <b>14.5. Environmental hazards</b>        |                                        |                                                                                    |                                                  |
| Dangerous for the environment :<br>Yes    | Dangerous for the environment :<br>Yes | Dangerous for the environment :<br>Yes<br>Marine pollutant : Yes                   | Dangerous for the environment :<br>Yes           |
| No supplementary information available    |                                        |                                                                                    |                                                  |

### 14.6. Special precautions for user

#### SANS

Special provisions (SANS) : 163, 187, 223  
 Limited quantities (SANS) : 5 L  
 Excepted quantities (SANS) : E1  
 Packagings, large packagings and IBCs Packing instructions (SANS) : P001, IBC03, LP01  
 Packagings, large packagings and IBCs Special packing instructions (SANS) : PP1  
 Portable tank and bulk containers instructions (SANS) : T2  
 Portable tank and bulk container special provisions (SANS) : TP1, TP29

#### UN RTDG

Special provisions (UN RTDG) : 163, 223, 367  
 Limited quantities (UN RTDG) : 5L  
 Excepted quantities (UN RTDG) : E1  
 Packing instruction (UN RTDG) : P001, IBC03, LP01  
 Special packing provisions (UN RTDG) : PP1  
 Portable tank and bulk container special instructions (UN RTDG) : T2  
 Portable tank and bulk container special provisions (UN RTDG) : TP1, TP29

#### IMDG

Special provisions (IMDG) : 163, 223, 367, 955  
 Limited quantities (IMDG) : 5 L  
 Excepted quantities (IMDG) : E1  
 Packing instructions (IMDG) : P001, LP01  
 Special packing provisions (IMDG) : PP1  
 IBC packing instructions (IMDG) : IBC03  
 Tank instructions (IMDG) : T2  
 Tank special provisions (IMDG) : TP1, TP29  
 EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS

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EmS-No. (Spillage) : S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER  
Stowage category (IMDG) : A  
Properties and observations (IMDG) : Miscibility with water depends upon the composition.

### IATA

PCA Excepted quantities (IATA) : E1  
PCA Limited quantities (IATA) : Y344  
PCA limited quantity max net quantity (IATA) : 10L  
PCA packing instructions (IATA) : 355  
PCA max net quantity (IATA) : 60L  
CAO packing instructions (IATA) : 366  
CAO max net quantity (IATA) : 220L  
Special provisions (IATA) : A3, A72, A192  
ERG code (IATA) : 3L

### 14.7. Transport in bulk according to IMO instructions

Not applicable

## SECTION 15: Regulatory information

### 15.1. National regulations

#### 15.1.1. OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

##### Prohibited Hazardous Chemical Agents

Not regulated

#### 15.1.2. National Environmental Management Act, 1998

##### Regulation No. 51358 (Prior Informed Consent Procedure Regulations, 2024)

Not regulated

### 15.2. Safety, health, and environmental national regulations specific for the product

State or local regulations : This product complies with South African legal lead limit of 90ppm or less.

## SECTION 16: Other information

Issue date : 21/08/2023  
Revision date : 30/06/2026  
Supersedes : 06/03/2026

### Full text of H-statements:

|      |                                                 |
|------|-------------------------------------------------|
| H226 | Flammable liquid and vapour                     |
| H312 | Harmful in contact with skin                    |
| H315 | Causes skin irritation                          |
| H332 | Harmful if inhaled                              |
| H351 | Suspected of causing cancer                     |
| H370 | Causes damage to organs                         |
| H411 | Toxic to aquatic life with long lasting effects |

Safety Data Sheet (SDS), South Africa (HCA)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.