



## MATERIAL SAFETY DATA SHEET URETHANE FLOORCOAT

### COMPANY DETAILS:

Name: Pro-Paint Manufacturing (Pty) Ltd

Emergency telephone no.: 076 098 7046 / 082 578 5982

Address: 4 Industrial Crescent, Bronkhorstspuit, 1020

Tel: (013) 932 0020/30

Fax: (013) 932 2254

### 1.) Product and Company Identification

Trade name: Industrial Range Urethane floor coat

Chemical family: Polyurethanes

Chemical name: Phthalic Anhydride reacted with Di- isocyanate. Hazchem code: 127

UN no.: 1263

### 2.) Composition

Hazardous components: Aromatic Hydrocarbon solvent.

### 3.) Hazards Identification

Main hazard: Solvent.

Flammability: Low.

Chemical hazard: Di- isocyanate.

Biological hazard: Not established.

Reproductive: Not established.

Eye effects: Practically non- irritating.

Health effects – skin: Prolonged repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis.

Health effects – ingestion: Can cause dizziness, nausea, irritation.



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**Health effects – inhalation:** Can cause dizziness and nausea.

**Carcinogenicity:** N/a.

**Mutagenicity:** N/a.

**Neurotoxicity:** Non-Toxic.

#### 4.) First Aid Measures

**Product in eye:** Treat same as for solvent in eyes, flush thoroughly with water.

**Product on skin:** Wash with soap and water. Remove contaminated clothing.

**Product ingestion:** Do not induce vomiting, drink water and seek medical attention.

**Product inhaled:** Remove to ventilated area, in severe case call physician.

#### 5.) Fire Fighting Measures

**Extinguishing media:** Carbon dioxide, foam, dry chem.

**Special hazards:** Flammable. Flash point base: >35°C.

**Protective clothing:** Full protective clothing and self-contained breathing apparatus.

#### 6.) Accidental Release Measure

**Personal precautions:** Excluding sources of ignition and ventilate the area. Avoid breathing vapor or mist.

**Environmental precautions:** Do not wash product into the drain or watercourses.

**Small spills:** Contain and collect spillage with non-combustible absorbent material, e.g. sand, earth and place in container for safe disposal.

**Large spills:** Contain and collect spillage with non-combustible absorbent material, e.g. sand, earth and place in container for safe disposal.

#### 7.) Handling and Storage



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**Handing / storage precautions:** Keep container tightly closed. Keep away from all ignition sources. Comply with health and safety regulations when applying this product. Use in well ventilated areas. Store in a cool, well ventilated area away from incompatible materials and ignition sources.

#### 8.) Exposure Controls / Personal Protection

**Occupational exposure limits:** Not established.

**Engineering control measure:** Provide adequate ventilation.

**Personal protection – respiratory:** Breathing apparatus if ventilation is not adequate.

**Personal protection – hand:** Safety gloves.

**Personal protection – eye:** Face shield or safety goggles recommended.

**Personal protection – skin:** Overalls to protect against splashes.

**Other protection:** Do not eat, drink or smoke when handling.

#### 9.) Physical and Chemical Properties

**Appearance:** As supplied.

**Odour:** Characteristic.

**pH:** N/a.

**Boiling point:** >140 °C

**Flash point:** > 35°C

**Flammability:** Low

**Auto flammability:** Low

**Explosive properties:** Low

**Density:** ±1 – 1,05 g/cm<sup>3</sup>



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**Solubility – water:** Not soluble in water.

**Solubility – solvent:** Soluble in various organic solvents.

#### 10.) Stability and Reactivity

**Conditions to avoid:** Extreme heat and cold.

**Incompatibility materials:** Strong oxidizers.

#### 11.) Toxicological Information

**Acute toxicity:** Non toxic

**Skin and eye contact:** Irritant and could cause Dermatitis on skin.

**Chronic toxicity:** Non toxic

**Carcinogenicity:** None

**Mutagenicity:** None

**Neurotoxicity:** Non toxic

#### 12.) Ecological Information

**Biodegradability:** Not biodegradable.

**Mobility:** Sinks in water.

May cause undesirable effects to aquatic organisms.

#### 13.) Disposal Considerations

**Disposal methods:** Do not pour left over paint down the drain or any storm water system. Unwanted paint should be brushed out on newspaper, allowing it to dry and then dispose via domestic waste collection.

**Disposal of packaging:** Empty paint containers should be left open in well a ventilated area to dry out. When dry, recycle containers via recycling programs.



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#### 14.)Transport Information

UN no.: 1263

IMDG – class: 3

Tremcard no.: SANS 10232-4

#### 15.)Regulatory Information

ECC hazard classification: Flammable, dangerous for the environment.

Risk phrases: R10 – Flammable; R67 – Vapors may cause drowsiness and dizziness; R51/53 – Toxic to organisms, may have long term adverse on aquatic organisms.

Safety phrases: S16 – Keep away from source of ignition – no smoking; S23 – Do not breathe vapor / spray; S51 – Use in well ventilated areas; S57 – Use appropriate containment to avoid environmental contamination; S61 – Avoid release to the environment. Refer to data sheet.

National legislation: National road traffic act 1996 ( act no.93 of 1996)

#### 16.)Other Information

The information based is on our current knowledge and is intended to describe the product. This information is for the purpose of health, safety and environmental requirements only. It should not therefor be considered as guaranteeing any specific properties of the product.



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