



MATERIAL SAFETY DATA SHEET

ZINC RICH PRIMER

1. COMPANY IDENTIFICATION

NAME: Pro-Paint Manufacturing (Pty) Ltd
ADDRESS: 4 Industrial Crescent, Bronkhorstspuit, 1020.
Tel: (013) 932 0020
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2. PRODUCT DETAILS

TRADE NAME: Industrial Range.
MAIN USE: See Technical Data Sheet.
CHEMICAL FAMILY: Alkyd resin.

3. HAZARDS IDENTIFICATION

HUMAN HEALTH HAZARDS: Not classified as dangerous under EC criteria.
SAFETY HAZARDS: Flammable, vapours may cause drowsiness and dizziness.
ENVIRONMENTAL HAZARDS: No specific hazard.
HAZARDOUS COMPONENT: Chemical name: Methyl Isobutyl Ketone and Methyl Ethyl Ketone.

4. FIRST AID MEASURES

INHALATION: Remove to ventilated area, in severe case call Physician.
INGESTION: Do not induce vomiting, drink water and seek medical attention.
EYE: Treat same as for solvent in eyes, flush thoroughly with water.
SKIN: Wash with soap and water. Remove contaminated clothing.
SYMPTOMS AND EFFECTS: Not expected to give rise to an acute hazard under normal condition of use.

5. FIRE FIGHTING MEASURES

SPECIFIC HAZARD: Flammable, Flash point base: 25°C,
EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chem.
SPECIAL FIRE FIGHTING: Use foam to contain
PROTECTIVE EQUIPMENT: Full protective clothing and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES



PROTECTION WHERE YOU NEED IT!

Limitation of liability applies. Refer to annexure for full disclosure.
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PERSONAL PRECAUTIONS:

Excluding sources of ignition and ventilate the area. Avoid breathing vapor or mist.

PERSONAL PROTECTION:
equipment.

Wear protective gloves, overalls, footwear and respiratory

ENVIRONMENTAL AREA:

Do not wash into drains or watercourses.

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

HANDLING:

Keep container lightly closed. Keep away from all ignition sources. Comply with health and safety regulations when applying this product. Use in well ventilated areas.

STORAGE:

Store in a cool, well ventilated areas away from incompatible material and ignition sources.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE:

Not established.

ENGINEERING CONTROLS:

Provide adequate ventilation.

PERSONAL PROTECTION

- RESPIRATORY:
- EYE:
- SKIN:
- OTHER:

Breathing apparatus if ventilation not adequate.
Face shield or safety goggles recommended.
Overalls to protect against splashes.
Do not eat, drink or smoke when handling.

9. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE:

Dispersed pigment in relevant resin mixture.

ODOUR:

Characteristic.

COLOUR:

As supplied.

PH:

N/a

DENSITY:

$\pm 2.1 \text{ g/cm}^3$

TYPICAL PROPERTIES:

Refer to technical data sheet.

SOLUBILITY:

Not soluble in water. Soluble in various organic solvents.

10. STABILITY & REACTIVITY

STABILITY:

Stable under recommended conditions of storage.

CONDITIONS TO AVOID:

Extreme heat and cold.

INCOMPATIBILITY:

Strong oxidizers.



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HAZARDOUS DECOMPATIBILITY:

Carbon monoxide.

11. TOXOLOGICAL INFORMATION

BASIS FOR ASSESSMENT:

Information given is based on knowledge of the constituents and the toxicology of similar substances.

ACUTE TOXICITY

- ORAL:
- DERMAL:

LD 50>2000mg/kg.

LD 50>2000mg/kg.

IRRITATION

- RESPIRATORY:
- EYE:
- SKIN:

Irritant.

Irritant.

Irritant and could cause Dermatitis.

12. ECOLOGICAL INFORMATION

BASIS OF ASSESSMENT:

Incomplete eco-toxicological data are available for this substance.

MOBILITY:

Sinks on water.

PERSISTANCE / DEGRADABILITY:

Not biodegradable.

ECO-TOXICITY:

Moderate to high toxicity to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS:

Waste or spillage should not be discharged into drains.

DISPOSAL OF CONTAINERS:

Puncture to prevent reuse. Remove all packaging for recovery or waste disposal.

LOCAL LEGISLATION:

Occupational Health & Safety Act.

Hazardous Chemical Substances Regulation Section 15.

14. TRANSPORT INFORMATION

NOT DANGEROUS FOR CONVEYANCE UNDER UN, IMO, ADR/RID & IATA/CAO CODES.

LOCAL REGULATIONS:

SABS 0228-1995 & SABS 0229-1990, Packaging of Dangerous goods for road & rail transportation in South Africa.

SABS 0232-1995. Transportation of Dangerous Goods.

Emergency information systems part 1, Emergency information systems for road transportation.

15. REGULATORY INFORMATION

EC CLASSIFICATION:

Flammable, dangerous for the environment.



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EC RISK PHRASES:

R10 – Flammable.

R67 – Vapours may cause drowsiness and dizziness.

R51/53 – Toxic to aquatic organisms, may have long term adverse effects on aquatic organisms.

EC SAFETY PHRASES:

S16 – Keep away from source of ignition – no smoking.

S23 – Do not breath 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.

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 therefore be construed as guaranteeing any specific properties of the product.



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