PRODUCT DATA SHEET

SUPER GLOSS ENAMEL MINING

1. DESCRIPTION

Low-cost enamel paint based on a modified medium oil alkyd resin.

2. PRINCIPAL CHARACTERISTICS

- Limited opacity enamel finish for non-permanent structures. Do not exceed maximum recommended spreading rate.
- Limited UV resistant to direct outside exposure, normal fading of colors over time can take place.
- Solvent based with limited resistance to scuffing and marring.
- Low-sheen finish allows for limited dirt retention. Is washable with detergents but take care not to use strong or abrasive cleaning agents when washing the coating.
- Good application properties and can be over coated with compatible conventional alkyd-based paints. Cannot be over coated with QD enamels and flexible PVA's without sufficient abrasion and intermediate undercoats.
- Durable for short-term (12 – 18 months) maintenance cycles.

3. PACKAGING, COLOURS AND GLOSS

- 1lt, 5lt
- White, black and a wide range of standard colors.
- Low sheen finish.

4. BASIC DATA AT 23°

• Drying time:	± 4hrs surface dry. ± 18hrs full cure.
• Recoating time:	± min 16hrs for 40µm dft, max unlimited.
• Pot life:	N/a
• Induction period:	N/a
• Mass relative density:	± 0.85 – 1.1 g/cm³.
• Solids by volume:	± 36%.
• Viscosity:	± 88 – 93 Ku.

- Recommended dft: 40µm per coat. (2 coats recommended.)
- Theoretical spreading rate: 13 – 15m²/lt for 40µm.
- Practical spreading rate: 9 – 11m²/lt for 40µm.
- Shelf life: at least 12 months in cool and dry conditions.
- Flash point: 38°C to 45°C.

5. RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Previous coat: (alkyd-based primer, gloss enamel) must be free from any contamination and sufficiently abraded if necessary.
- The substrate must be dry, surface moisture content less than 15%, before and during application of MINING ENAMEL.
- Substrate temperature should be between 10°C and 30°C and at least 3°C above dew point during application and curing.
- Maximum relative humidity during application and curing is 85%.

6. INSTRUCTIONS FOR USE

- Stir well before use.
- Product temperature of the stirred base should be above 15°C to achieve application viscosity.
- Product is formulated to be ready for use; the addition of mineral turpentine will reduce sag resistance and opacity.
- Always ensure adequate ventilation.

- AIRLESS SPRAY:
- Recommended thinner: Mineral turpentine.
- Volume of thinner: Thinning not recommended.
- Nozzle orifice: ± 0.38 – 0.48mm.
- Nozzle pressure: 12 – 16MPa (± 120 to 160 bar).

- AIR SPRAY:
- Recommended thinner: Mineral turpentine.
- Volume of thinner: 0 – 5%, depending on required thickness and application conditions.

- Nozzle orifice: ± 1.5 – 2mm.
- Nozzle pressure: 0.3 – 0.4MPa (± 3 to 4 bar).

- BRUSH / ROLLER: Long haired brush or mohair roller.
- Recommended thinner: Mineral turpentine.
- Volume thinner: Thinning not recommended.
- Cleaning solvent: Mineral turpentine.

7. SAFETY PRECAUTIONS

This is a solvent based paint, avoid inhalation of spray mist vapor as well as contact between the wet paint and exposed skin or eyes.