

SAFETY DATA SHEET

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SECTION 1: IDENTIFICATION

- **Product Name:** RAL 1003 - Signal Yellow - Glossy
- **Product Code:** PP-1003-000-80-SM-R
- **Recommended Use:** Powder Coating
- **Manufacturer/Supplier:**
Kroma Coatings Technology LLC
7030 Huntley Road Ste B
Columbus , OH 43229
- **Emergency Phone:** (614) 647-7345
- **Email:** info@kromacoatings.com

SECTION 2: HAZARD(S) IDENTIFICATION

- **Classification:**
 - Acute Toxicity, Inhalation (Category 4)
 - Skin/Eye Irritation (Category 2B)
 - Combustible Dust
- **Signal Word:** Warning
- **Hazard Pictograms:** Health Hazard, Exclamation Mark
- **Hazard Statements:**
 - Harmful if inhaled or swallowed.
 - Causes eye, skin, and lung irritation.
 - May form combustible dust concentrations in air.
- **Precautionary Statements:** Avoid breathing dust. Use in well-ventilated areas. Wear protective gloves and eye protection. Wash hands thoroughly after handling.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration (%)
Barium Sulfate	7727-43-7	25 – 30%
TGIC	2451-62-9	1 – 10%

Note: Specific chemical identities of other non-hazardous ingredients are withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES

- **Inhalation:** Move person to fresh air. If breathing is difficult, seek medical attention.
- **Skin Contact:** Wash immediately with soap and water.
- **Eye Contact:** Flush eyes with clean water for several minutes. Remove contact lenses if present.
- **Ingestion:** Rinse mouth and drink plenty of water. Do not induce vomiting. Seek medical attention if symptoms persist.

SECTION 5: FIRE-FIGHTING MEASURES

- **Extinguishing Media:** Use CO2, water spray, or foam.
- **Special Hazards:** Fine powder dust may create an explosion hazard if suspended in air.

- **Special Protective Equipment:** Wear self-contained breathing apparatus (SCBA) and full protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Ensure adequate ventilation. Avoid dust formation.
- **Environmental Precautions:** Avoid releasing material into drains or groundwater.
- **Cleanup Methods:** Sweep or collect material mechanically and dispose of in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

- **Handling:** Avoid breathing dust. Use in well-ventilated areas. Minimize dust generation and accumulation.
- **Storage:** Store in a cool, dry place below 77°F (25°C). Keep container tightly closed and protected from moisture, heat, and sunlight.
- **Shelf Life:** Up to 2 years when properly stored.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Engineering Controls:** Use local exhaust ventilation to control airborne dust.
- **Respiratory Protection:** Use an approved dust respirator when handling powders.
- **Skin Protection:** Wear gloves and long sleeves. Use protective suits for heavy exposure.
- **Eye Protection:** Wear safety goggles with side shields.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** Fine Powder
- **Color:** Yellow
- **Solubility:** Insoluble in water
- **Specific Gravity:** 1.52 g/cm³
- **Film Thickness / Coverage:** Refer to TDS

SECTION 10: STABILITY AND REACTIVITY

- **Reactivity:** Stable under normal conditions.
- **Chemical Stability:** Stable under recommended storage conditions.
- **Conditions to Avoid:** High heat, sparks, and open flames.
- **Hazardous Decomposition:** High heat may release carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

- **Likely Routes of Exposure:** Inhalation, skin contact, eye contact.
- **Immediate Effects:** May irritate skin, eyes, and lungs. Harmful if swallowed.
- **Chronic Effects:** Repeated skin contact may cause sensitization.

SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)

- **Ecotoxicity:** Slightly hazardous to water. Avoid release into waterways.

SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

- **Waste Disposal:** Dispose of product and packaging according to local, regional, and national regulations.

SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)

- **DOT/IMDG/IATA:** Non-hazardous / Non-regulated for transportation.

SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)

- **Safety Requirements:** Keep away from children. Keep container dry. Store in a ventilated area. Keep away from food and animal feed.

SECTION 16: OTHER INFORMATION

- **Disclaimer:** Information is based on current knowledge and is provided for safety guidance only. It does not guarantee specific product performance or create a legal warranty.
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