

SAFETY DATA SHEET

Revision Date: May 18, 2026

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SECTION 1: IDENTIFICATION

- **Product Name:** RAL 5010 - Gentain Blue
- **Product Code:** EP-5010-000-60-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 Statements:**
 - Harmful if inhaled or swallowed.
 - Causes eye and skin irritation.
 - May form combustible dust concentrations in air.
- **Precautionary Statements:** Avoid breathing dust. Use only in well-ventilated areas. Wear protective gloves and eye protection.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- **Chemical Name:** Barium Sulfate
- **CAS Number:** 7727-43-7
- **Concentration:** 25 – 30%
- **Note:** Specific chemical identities of other ingredients are withheld as a trade secret.

SECTION 4: FIRST-AID MEASURES

- **Inhalation:** Move person to fresh air. Seek medical attention if breathing is difficult.
- **Skin Contact:** Wash thoroughly with soap and water.
- **Eye Contact:** Flush eyes with clean water for at least 15 minutes. Remove contact lenses.
- **Ingestion:** Rinse mouth. Drink plenty of water. Do not induce vomiting. Seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

- **Extinguishing Media:** CO2, water spray, or dry chemical foam.
- **Special Hazards:** Fine powder dust may create an explosion hazard if suspended in air.
- **Special Equipment:** Wear self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Ensure adequate ventilation. Avoid dust formation.
- **Environmental Precautions:** Do not allow material to enter drains or waterways.
- **Cleanup Methods:** Sweep up or vacuum mechanically. Use non-sparking tools. Dispose of in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

- **Handling:** Use in well-ventilated areas. Minimize dust generation. Wash hands after use.
- **Storage:** Store in a cool, dry place below 77°F (25°C). Keep containers tightly closed. Protect from heat and direct sunlight.
- **Shelf Life:** 2 years from date of manufacture.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Engineering Controls:** Use local exhaust ventilation.
- **Respiratory Protection:** Use a NIOSH-approved dust respirator.
- **Skin Protection:** Wear protective gloves and long-sleeved clothing.
- **Eye Protection:** Wear safety goggles with side shields.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Fine Powder
- **Color:** Blue
- **Odor:** Odorless
- **Solubility:** Insoluble in water
- **Specific Gravity:** 1.50 g/cm³

SECTION 10: STABILITY AND REACTIVITY

- **Reactivity:** Stable under normal conditions.
- **Chemical Stability:** Stable under recommended storage conditions.
- **Hazardous Decomposition:** High heat may release Carbon Monoxide (CO) and Carbon Dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

- **Likely Routes of Exposure:** Inhalation, skin, and eye contact.
- **Symptoms:** Irritation to the respiratory tract, skin redness, and eye itching.
- **Sensitization:** Repeated skin contact may cause allergic sensitization.

SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)

- **Ecotoxicity:** Slightly hazardous to water. Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

- **Waste Treatment:** Dispose of contents and container in accordance with local, regional, and national regulations.

SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)

- **DOT Classification:** Not regulated; Non-hazardous for transport.

SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)

- **Safety, Health, and Environmental Regulations:** Keep out of reach of children. Keep away from food and animal feed.

SECTION 16: OTHER INFORMATION

- **Disclaimer:** 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 be construed as guaranteeing any specific property of the product.
