



P.O. Box 419

Kingston, NJ 08528

SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION

- **Product Name:** Kingston Quarry Aggregates
- **Synonyms:** Crushed Stone, Basalt Aggregate, Construction Aggregate
- **Recommended Use:** Construction, road building, concrete production, asphalt production
- **Manufacturer Information:**
 - **Name:** Trap Rock Industries
 - **Address:** 4415 Rt 27, Kingston, NJ
 - **Phone Number:** 609-924-0300
 - **E Mail:** Trisales@traprock.com

SECTION 2: HAZARD IDENTIFICATION

- **Classification:** Not classified as hazardous under OSHA Hazard Communication Standard (29 CFR 1910.1200)
- **Label Elements:**
 - **Signal Word:** None
 - **Hazard Statements:** None
 - **Precautionary Statements:** Avoid breathing dust. Use personal protective equipment as required.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- **Chemical Composition:**
 - **Diabase (Dark and Light):**
 - **Dark Diabase:** Composed of anhedral dark plagioclase (labradorite, An53), subhedral-anhedral garnet, anhedral-subhedral quartz, anhedral tremolite, olivine, clinopyroxene, and orthopyroxene.
 - **Light Diabase:** Composed of anhedral dark plagioclase (andesine, An43), subhedral-anhedral garnet, anhedral-subhedral quartz, anhedral tremolite, olivine, clinopyroxene, orthopyroxene, and biotite.

- **Hornfels:** Fine-grained contact metamorphic rock with a green hue, containing indistinguishable mineralogy, small calcite veins, biotite, and clinopyroxene.
- **Composition - Percent by Sieve Size:**
 - Sieve Size: 3/4" | 1/2" | 3/8" | 1/4"
 - Dark Diabase: 57.4% | 71.9% | 64.9% | 24.2%
 - Light Diabase: 34.8% | 21.3% | 27.8% | 68.8%
 - Hornfels: 7.8% | 6.9% | 7.3% | 6.9%

SECTION 4: FIRST-AID MEASURES

- **Inhalation:** Move person to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water. Seek medical attention if irritation develops.
- **Eye Contact:** Rinse with water for several minutes. Remove contact lenses if present. Seek medical attention if irritation persists.
- **Ingestion:** Rinse mouth and seek medical attention if symptoms occur.

SECTION 5: FIRE-FIGHTING MEASURES

- **Suitable Extinguishing Media:** Use appropriate media for surrounding fire.
- **Specific Hazards:** Non-combustible material.
- **Protective Equipment:** Wear standard protective equipment for surrounding fire conditions.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Use personal protective equipment to avoid breathing dust.
- **Environmental Precautions:** Prevent further spillage if safe to do so. Avoid release to the environment.
- **Cleanup Methods:** Sweep or scoop up material and place in a suitable container for disposal.

SECTION 7: HANDLING AND STORAGE

- **Handling:** Avoid creating dust. Use in well-ventilated areas. Wear appropriate personal protective equipment.
- **Storage:** Store in a cool, dry place. Keep container tightly closed.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Exposure Limits:** OSHA PEL: 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction)
- **Engineering Controls:** Use local exhaust ventilation to keep airborne concentrations below exposure limits.
- **Personal Protective Equipment:**
 - Respiratory Protection: NIOSH-approved respirator if exposure limits are exceeded.
 - Skin Protection: Protective gloves.

- Eye Protection: Safety glasses or goggles.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance:** Dark gray to black crushed stone
- **Odor:** Odorless
- **Melting Point:** >1000°C
- **Boiling Point:** Not applicable
- **Flash Point:** Not applicable
- **Solubility:** Insoluble in water
- **Density:** 2.8-3.0 g/cm³

SECTION 10: STABILITY AND REACTIVITY

- **Stability:** Stable under normal conditions.
- **Conditions to Avoid:** None known.
- **Incompatible Materials:** None known.
- **Hazardous Decomposition Products:** None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

- **Routes of Exposure:** Inhalation, skin contact, eye contact
- **Symptoms:** Coughing, irritation of the respiratory system
- **Chronic Effects:** Prolonged inhalation of dust may cause lung disease (silicosis).
- **Carcinogenicity:** Not classified as a human carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

- **Ecotoxicity:** Non-toxic to aquatic life.
- **Persistence and Degradability:** Not applicable.
- **Bioaccumulative Potential:** Not applicable.

SECTION 13: DISPOSAL CONSIDERATIONS

- **Disposal Methods:** Dispose of in accordance with local, state, and federal regulations.

SECTION 14: TRANSPORT INFORMATION

- **UN Number:** Not applicable
- **Proper Shipping Name:** Not applicable
- **Transport Hazard Class:** Not applicable
- **Packing Group:** Not applicable

SECTION 15: REGULATORY INFORMATION

- **Safety, Health, and Environmental Regulations:** Comply with all applicable regulations.