

# Warren Environmental, Inc.

P.O. Box 1206, Carver, MA 02330  
Tel. # 508-947-8539 Fax # 508-947-3220

## F-12 Mineral Filler

**Description:** Super fine grade black mineral filler.

**Advantages:** Uniform density, low friability, less than 1% free silica, chemically inert.

**Safety and Handling:** No special procedures are required for clean-up. Wetting with water will reduce airborne dust. Uncontaminated product does not exceed Toxicity Characteristic Leaching Procedure (TCLP) limits and may be disposed of as an inert material.

**Skin Contact:** Wash skin with soap and water if irritation occurs.

**Eye Contact:** Immediately flush eyes thoroughly with water or an ophthalmic saline solution.

**Inhalation:** Remove affected person(s) to fresh air source.

### Product Data

Particle Shape	Angular, sharp
Hardness	6 to 7 on the Mohs Scale
Bulk Density	75-100lbs. Per cubic foot depending on product gradation
Specific Gravity	2.70
Moisture Content	Less than 0.5%
Free Silica	Less than 1%

### Chemical Analysis

Silicon Dioxide	47.20%
Aluminum Oxide	21.39%
Titanium Dioxide	1.01%
Ferric Oxide	19.23%
Calcium Oxide	6.80%
Magnesium Oxide	1.47%
Potassium Oxide	1.60%
Sodium Oxide	0.62%