

## **Material Safety Data Sheet**

### **WILCARBO Pack Hardening Compound**

Rose Mill Co. 100 Brook Street West Hartford, CT 06110  
860.232.9990 ph 860.232.9995 fx

#### **PRODUCT IDENTIFICATION**

**Trade Name:** WILCARBO  
**Chemical Family:** mixture  
**Formula:** mixture/powder  
**Molecular Weight:** N/A  
**CAS #:** proprietary

#### **HAZARDOUS INGREDIENTS**

Potassium Nitrate (Salt Peter) CAS No. 7757-79-1  
OSHA PEL: N/A ACGIH: N/A Other Limits:  
Chromium Oxide III CAS No. 1308-38-9 OSHA PEL:  
N/A ACGIH: N/A Other Limits:  
Activated Carbon (activated charcoal) CAS No. 7440-  
44-0 OSHA PEL = 5 mg/m<sup>3</sup> as resp.  
**HMIS Ratings: Health:** 0  
**HMIS Protective Equipment:** Glasses, dust mask,  
boots, gloves

#### **PHYSICAL DATA**

**Boiling Point:** N/A  
**Melting Point:** 32.98  
**Specific Gravity:** 2.12  
**Vapor Density:** N/A  
**% Volatiles by Weight**  
**Solubility in water:** (based on 100) Cold 45.24  
Hot 78.15l  
**Appearance and Odor:** Dark grey with Slight Odor

#### **FIRE AND EXPLOSION HAZARDS DATA**

**Flash Point (Method Used):** none  
**Auto ignition Temperature:** N/A  
**Flammable Limits:** N/A  
**Upper:** none                      **Lower:** none  
**Extinguishing Media:** none  
**Special Fire Fighting Procedures:** Carbon monoxide  
may be generated in the event of a fire (especially with  
incomplete combustion in an enclosed space).  
**Unusual Fire and Explosion Hazards:** None

#### **HEALTH HAZARD INFORMATION**

**Routes of Entry:** Inhalation: Yes      Skin:      N/A  
**Ingestion:** N/A  
**Health Hazards:**  
The compound is Alkaline & Corrosive. Effects  
associated with alkalis, as well as, respiratory irritation  
may occur.  
**Carcinogenicity:** none known  
**Signs and Symptoms of Exposure:** coughing, throat,  
eye irritation  
**Inhalation:** Irritation of nose, throat, and lungs.  
**Ingestion:** Although low toxicity, ingestion can be  
harmful-consult a physician  
**Skin:** Prolonged use may cause irritation  
**Eye:** Prolonged use may cause irritation

#### **EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** remove to fresh air  
**INGESTION:** Drink large quantity of water to dilute the  
material. Do not induce vomiting, get medical attention  
**SKIN:** Flush with mild soap and cool water  
**EYE:** Flush with plenty of water for at least 15 min, get  
medical attention.

#### **REACTIVITY DATA**

**Stability:** Stable  
**Incompatibility (Material to Avoid):** Aqueous Acids  
**Hazardous Decomposition Products:** Under-use  
conditions volatile products are ammonia, water, and  
carbon dioxide.  
**Hazardous Polymerization:** will not occur  
**SPILL OR LEAK PROCEDURES**  
**Steps to Be Taken in Case Material Is Released or  
Spilled:** wash with water  
**Waste Disposal Method:** Bury, dissolve in water and  
neutralize only in accordance with local regulations.  
**Hazard Label Information:**  
**Precautions to Be Taken in Handling and Storage:**  
Keep container tight to avoid water absorption that  
results in caking.

#### **SPECIAL PROTECTION INFORMATION**

**Respiratory Protection (Specify Type):** Approved  
respirator for extremely fine dust.  
**Ventilation:** Use with adequate ventilation.      **Local**  
**Exhaust:**                      **Mechanical:** X  
**Special:**  
**Other:**  
**Protective Gloves:** Rubber Gloves  
**Eye Protection:** Goggles  
**Other Protective Clothing or Equipment:** Boots and  
apron or long sleeves  
**Work/Hygienic/Maintenance Practices:** practices  
common to good manufacturing techniques



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