



**Jet Set Northwest, Inc**

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**Revision Date:** September 2015

**Section 1: Product Identification**

**Product Identifier:** Dry Packaged Cement-Based Product  
**Jet Set Cement Product Name:** - Jet Set Complete Repair  
- Jet Pour  
- Jet Plug  
- Jet Set Wilson Latex  
- Jet Set Smooth  
**Recommended Use:** Concrete Repair

**Section 2: Hazard Identification**

Extended inhalation of crystalline silica may cause silicosis, a lung disorder which may be deadly. When the product is mixed with water it can cause dry skin and alkali burns. Cement dust can irritate eyes and upper respiratory system.



Applicable hazard statement based on cement content  
Danger.  
H318: Causes serious eye damage  
H315: Causes skin irritation



Applicable hazard statement based on crystalline silica content  
Danger.  
H350: May cause cancer from inhaling dust.  
H372: Causes damage to respiratory system through prolonged or repeated exposure to inhaling dust

This product is categorized as a Health Hazard Carcinogen Category 1A because it contains crystalline silica (quartz). It is categorized as a Health Hazard (serious eye damage/eye irritation - Category 1 and skin irritation - Category 2) because it contains Portland cement.



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**Applicable Precautionary Statements:**

**Based on cement content:**

P280: Wear skin and eye protection (water resistant protective gloves, goggles recommended to prevent dust in eyes)

P264: Wash any exposed skin thoroughly after handling material

P305+P351+p338: IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing

P302+P352: IF ON SKIN Wash with water and soap

P332+P313: IF SKIN IRRITATION OCCURS, get medical attention

P310: Immediately call a doctor if any eye irritation or discomfort develops

**Based on crystalline silica content:**

P201: Obtain special instructions before use

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dusts

P270: Do not eat, drink or smoke when using this product

P280: Wear eye protection

P308+P313+P314: If exposed, have concerns, or if you feel unwell: Get medical advice

P501: Dispose of contents in accord with local regulations

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**Section 3: Composition/Information on Ingredients**

<u>Ingredient</u>	<u>Total Percentage</u>	<u>CAS #</u>
Portland Cement	10-70%	65997-15-1
Silica Sand	30-50%	14808-60-7
Calcium Sulphate Hemihydrate	10-70%	7778-18-9
Calcium hydroxide	10-70%	1305-78-8
Magnesium hydroxide	1-10%	1309-42-8
Silicon dioxide	1-20%	7631-86-9
Calcium Aluminate	10-70%	12042-68-1

\*\*Proprietary ingredients are comprised of products that fully comply with maximum limits allowed under OSHA PEL, ACGIH TLV, and other safety limits.

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#### **Section 4: First-aid Measures**

**Inhalation:** If irritation develops get to fresh air. If not breathing, give artificial respiration.

**Eye Contact:** Irrigate eyes with water, holding eyelids open and flushing with water. Get medical attention for any discomfort or irritation. If contact lenses are present remove them if it is easy to do so and continue washing eyes.

**Skin Contact:** Wash affected areas of the body with soap and water. Use hand creams. Get medical attention for any burns or rashes.

**Ingestion:** Check with Poison Control Center or a doctor. Do not induce vomiting unless directed to by medical personnel.

#### **Signs and Symptoms of Exposure:**

Dry skin, irritated nose or eyes, coughing, hard to breath may be symptoms cement dust exposure.

Coughing, congestion, shortness of breath may be symptoms of crystalline silica. Long term exposure can cause silicosis and lung cancer.

Treat according to symptoms, no known specific antidote.

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#### **Section 5: Fire Fighting Measures**

**Fire Hazards:** None. Product will not burn.

**Chemical Hazards:** None expected. Material will not combust.

**Personal Protective Gear:** Fire fighters should use respiratory device if bags are broken and dust is present.

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#### **Section 6: Accidental Release Measures**

Contain and clean up. Avoid creating dust or adding water to the product (use dry cleanup only). Do not wash down drains or allow to enter sewers - Product will harden when mixed with water.

Dispose of any unwanted material in accordance with all regulations.



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**Section 7: Handling and Storage**

**Safe Handling:** Avoid breathing dust. Handle material in well ventilated area. Wear protective respiratory device as to avoid over-exposure.

**Safe Storage:** Store in a dry, locked area. Do not allow moisture to make contact with product. Keep out of reach of children.

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**Section 8: Exposure Controls/Personal Protection**

<u>Common Name</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Calcium Salts - Cement	65997-15-1	10 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Calcium Sulphate Hemihydrate	7778-18-9	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Silica Sand	14808-60-7	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

15.0 mg/m<sup>3</sup> TOTAL DUST

**Respiratory Protection:** In dusty environments, use of a NIOSH approved respirator is recommended.

**Ventilation:** Local exhaust if necessary. Mechanical (General) if necessary.

**Protective gloves:** Product can irritate/dry skin, gloves are recommended.

**Eye protection:** Recommended in dusty environments.

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**Section 9: Physical and Chemical Properties**

<b>Boiling Point:</b>	Not applicable
<b>Vapor Pressure (mm Hg):</b>	N/A
<b>Vapor Density (air = 1):</b>	N/A
<b>Solubility in Water:</b>	Slight (0.1 - 1%)
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	3.00
<b>Appearance and Odor:</b>	Grey powder, Odorless

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**Section 10: Stability and Reactivity**

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Materials to avoid:** Acids, ammonium salts and corrosive gasses

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**Section 11: Toxicological Information**

**Routes of Exposure:** Skin contact, eye contact, Inhalation or ingestion

**Skin Contact:** May cause moderate skin irritation. When the product is wet it can cause dry skin and alkali burns.

**Eye Contact:** Can cause serious eye damage including irritation and burns. Symptoms may include redness, itchy or burning eyes, excessive blinking and tear production.

**Inhalation:** Extended respiration of crystalline silica may cause silicosis, a lung disease.

**Ingestion:** Harmful if swallowed. May cause mild to moderate irritation of the digestive tract.

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**Section 12: Ecological Information**

If dry product is mixed with a body of water it might have long term effects on the ecosystem. Dry product should not be poured into oceans, rivers, lakes, sewers or other bodies of water.

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**Section 13: Disposal Considerations**

Hydrated material will solidify and is not classified as a hazardous waste. Landfill disposal.

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**Section 14: Transportation Information**

**Hazardous/Non-Hazardous:** Non Hazardous Material

**UN Number:** None

**Environmental Hazards:** None

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**Section 15: Regulatory Information**

**Other Regulatory Considerations:** None

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**Section 16: Other Information**

**Preparation Date:** September, 2015

**Prepared By:** Luke Laures