

# Material Safety Data Sheet

Date of Preparation: 11/20/87

KWIK PATCH

Revision: 03/16/09

## Section 1 - Chemical Product and Company Identification

**Product/Chemical Name:** KWIK PATCH

**Chemical Formula:**

**CAS Number:**

**Other Designations:**

**General Use:**

**Manufacturer:** MIRANDY PRODUCTS, LLC., 1078 GRAND AVENUE, S. HEMPSTEAD, NY 11550

(516) 489-6800

<b>HMIS</b>
<b>H</b> 1
<b>F</b> 2
<b>R</b> 0
<b>PPE</b> †
X

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% wt or % vol
PORTLAND CEMENT*	65997-15-1	<30%
SILICA SAND**	14808-60-7	>70%

\*NO KNOWN HAZARDOUS INGREDIENTS

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HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS):

HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 BASIS:

Ingredient	OSHA PEL		ACGIH TLV		NIOSH REL		NIOSH
	TWA	STEL	TWA	STEL	TWA	STEL	IDLH
PORTLAND CEMENT							
SILICA SAND							

TLV – RESPIRABLE DUST – 5 mg/m3

TOTAL DUST – 10 mg/m3

## Section 3 - Physical and Chemical Properties

**Physical State:**

**Appearance and Odor:** Cement and sand particles, no specific odor.

**Odor Threshold:**

**Vapor Pressure:** N/A

**Vapor Density (Air=1):** N/A

**Formula Weight:** N/A, complex mixture of powdered solids.

**Density:**

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 2.7-3.2

**pH:** N/A, in powdered/dry state, when water is added, pH is alkaline and will vary with level of water added.

**Water Solubility:**

**Other Solubilities:**

**Boiling Point:** N/A

**Freezing/Melting Point:** N/A

**Viscosity:** N/A

**Refractive Index:**

**Surface Tension:**

**% Volatile:** N/A

**Evaporation Rate:** N/A

## Section 4 - Fire-Fighting Measures

**Flash Point:**

**Flash Point Method:** N/A – non-combustible material.

**Burning Rate:**

**Autoignition Temperature:** N/A

**LEL:** N/A

**UEL:** N/A

**Flammability Classification:**

National Fire Protection Association (NFPA) – Hazard Identification:

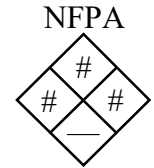
HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0 BASIS: SAME AS HMIS pg.1

**Extinguishing Media:** Water fog, foam, dry chemical or carbon dioxide.

**Unusual Fire or Explosion Hazards:**

**Hazardous Combustion Products:** None known.

**Fire-Fighting Instructions:** N/A – non-combustible.

**Fire-Fighting Equipment:**


## Section 5 - Stability and Reactivity

**Stability:** Stable.

**Polymerization:** Hazardous polymerization will not occur.

**Chemical Incompatibilities:** None.

**Conditions to Avoid:** None, keep product dry before use.

**Hazardous Decomposition Products:**

## Section 6 - Health Hazard Information

### Potential Health Effects

**Primary Entry Routes:**

**Target Organs:**

**Acute/Chronic Effects:**

**Inhalation:** Cement dust inhalation may cause eye, nose and throat irritation and inflammation of the lining tissues of the interior of the nose. Prolonged inhalation of silica dusts may lead to permanent lung injury (Silicosis). Symptoms include difficulty in breathing, chest pains, and cough. The symptoms may not develop until years after exposure. Cement dusts can irritate the upper respiratory system. Chronic exposure can cause inflammation of the lining of the nose.

**Skin:** Wet cement can dry the skin and cause alkali burns. Prolonged contact of cements with the skin may develop sufficient heat to cause burns if a large mass is kept in contact with the skin while hardening. Hypersensitive individuals may develop an allergic dermatitis.

**Ingestion:**

**Eyes:** Cement dusts can irritate the eyes. Chronic exposure can cause inflammation of the cornea.

Health studies have shown that individual sensitivities vary from person to person. As a precaution, exposure to dust should be minimized.

**Carcinogenicity:**

**Medical Conditions Aggravated by Long-Term Exposure:** None known.

### Emergency and First Aid Procedures

**Inhalation:**

**Eye Contact:** Flush with large amounts of water for at least 15 minutes. Call a physician.

**Skin Contact:** Wash with soap and water. If irritation continues, see physician.

**Ingestion:** See a physician immediately.

**Note to Physicians:**

**Special Precautions/Procedures:**

## Section 7 - Spill, Leak, and Disposal Procedures

**Spill /Leak Procedures:** Wear protective equipment (Section 8). Carefully clean up spilled material and place in dry container for disposal. Avoid dust generation. Emergency procedures are not required. A slurry may plug drains.

**Small Spills:**

**Large Spills:**

**Containment:**

**Cleanup:**

**Regulatory Requirements:**

**Disposal:** In accordance with federal, state, and local regulations.

**Disposal Regulatory Requirements:**

**Container Cleaning and Disposal:** Empty container may retain residue particulate solids. Do not reuse container. Dispose of all containers in an environmentally safe manner and in accordance with governmental regulations.

**Ecological Information:**

**Precautions for Storing and Handling:** None, treat as non-combustible mixture of powdered solids. Keep containers and storage containers closed when not in use. Store in dry area. Dew point conditions or other conditions causing presence of liquid water during storage will harden product.

**Other Precautions:**

## Section 8 - Exposure Controls / Personal Protection

**Ventilation:** Local exhaust recommended. Follow OSHA 1910.94.

**Administrative Controls:**

**Respiratory Protection:** NIOSHA/MSHA approved dust respirators when TLV is recommended.

**Protective Clothing/Equipment:** Wear loose fitting, long sleeved clothing. Wear protective gloves if dust or slurry is irritating. Goggles or face shield is recommended.

**Safety Stations:**

**Contaminated Equipment:** Remove contaminated clothing; launder or dry clean before reuse.

**Comments:** Minimize breathing dust. Avoid prolonged or repeated contact with skin. Cleanse skin thoroughly after contact, before breaks, meals and at end of work period. Product is readily removed from skin by soap and water.