

# MATERIAL SAFETY DATA SHEET

Wel-Cote™ Latex Patch and Floor Underlayment  
10/01/02

FILE NO.: PFU  
MSDS DATE:

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Wel-Cote™ Latex Patch and Floor Underlayment  
**SYNONYMS:** LCP, PFU, Patch and Floor Underlayment  
**PRODUCT CODES:** 536(5 lb.), 537(10 lb.), 538(40 lb.)  
**MANUFACTURER:** Welco Manufacturing Company  
**ADDRESS:** 1225 Ozark Street, North Kansas City, Missouri 64116

**EMERGENCY PHONE:** (800)821-7352  
**OTHER CALLS:** (816)471-1788  
**FAX PHONE:** (816) 471-3439

**CHEMICAL FAMILY:** Dry mixture of portland cement and sand.  
**CHEMICAL FORMULA:** Compound

**PRODUCT USE:** Concrete patching and repair.  
**PREPARED BY:** Robert L. Hamilton

SECTION 1 NOTES:

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS Number	% WT	% VOL	TLV (mg/m <sup>3</sup> )	PEL(mg/m <sup>3</sup> )
Portland Cement	65997-15-1	<40	<40	5	5
CrystallineSilica	14808-60-7	>50	>50	.1(R)	.1(R)
Ethylene Acetate Polymer	2593-77-88	<2	<2	NE	NE

## SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Not hazardous when used according to directions.

**ROUTES OF ENTRY:** Eyes, Mouth, and Nose

### POTENTIAL HEALTH EFFECTS

**EYES:** Contact can cause mechanical irritation, and caustic burns.

**SKIN:** Prolonged contact may cause irritation and burns.

**INGESTION:** Internal discomfort or nausea are possible if swallowed.

**INHALATION:** Inhalation of dust may irritate nose, throat, and lungs. Remove to fresh air.

**ACUTE HEALTH HAZARDS:** See above.

**CHRONIC HEALTH HAZARDS:** Chronic overexposure to dust may result in lung disease and/or cancer.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** Pre-existing upper respiratory and lung diseases, which may include, but are not limited to, bronchitis, emphysema, and asthma.

### CARCINOGENICITY

**MATERIAL**  
Respirable Crystalline Silica

**NTP:**  
Anticipated

**IARC:**  
Group 1

**SECTION 3 NOTES:** When used as directed, quantities of Respirable Silica would be expected to be less than the prescribed OSHA/NIOSH limits. Wear eye and skin protection. Use NIOSH/MSHA approved respirator.

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Rinse with water for at least 15 minutes. Call a physician.

**SKIN:** Wash with soap and water. Seek medical treatment in the event of burns.

**INGESTION:** Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician immediately.

**INHALATION:** Remove to fresh air. If respiratory symptoms persist, consult physician.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** Rinse affected areas with water.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** None  
**LOWER:** None

**FLASH POINT:** Non-Combustible

**AUTOIGNITION TEMPERATURE:** None

**NFPA HAZARD CLASSIFICATION**

**HEALTH:** 1                      **FLAMMABILITY:** 0                      **REACTIVITY:** 0  
**OTHER:** N/A

**HMIS HAZARD CLASSIFICATION**

**HEALTH:** 1                      **FLAMMABILITY:** 0                      **REACTIVITY:** 0  
**PROTECTION:** 0

**EXTINGUISHING MEDIA:** Use appropriate extinguishing media for surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** Silica will dissolve in Hydrofluoric Acid to Produce silicon tetrafluoride.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Use normal clean up procedures. Wear appropriate protective equipment. Shovel material into a waste container for disposal.

**SECTION 6 NOTES:** Dispose of material in accordance with federal, state, and local regulations.

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Use appropriate personal protection equipment when handling and finishing.

**OTHER PRECAUTIONS:** Do not store outside. Avoid unintentional contact with water.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** Minimize dust exposure in accordance with good hygiene practices.

**VENTILATION :** Ventilate to keep exposures below TLV.

**RESPIRATORY PROTECTION:** Wear NIOSH/MSHA approved respirator.

**EYE PROTECTION:** Wear safety glasses or goggles to prevent particulate irritation to the eye.

**SKIN PROTECTION:** Wear appropriate gloves to prevent skin contact.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** None

**WORK HYGIENIC PRACTICES:** Follow acceptable good hygiene practices.

**EXPOSURE GUIDELINES:** Avoid exposure to dust.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Grey powder.

**ODOR:** Low odor.

**PHYSICAL STATE:** Dry powder.

**pH AS SUPPLIED:** 12 to 13 in water.

**BOILING POINT:** N/A

F:

C:

**MELTING POINT:**N/A

F:

C:

**FREEZING POINT:** Liquid

F:

C:

**VAPOR PRESSURE (mmHg):**

@

F:

C:

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 3

**SOLUBILITY IN WATER:** Soluble

**PERCENT SOLIDS BY WEIGHT:** 100

**PERCENT VOLATILE:** liquid

BY WT/ BY VOL @ 212°F/ 100°C

**VOLATILE ORGANIC COMPOUNDS (VOC):**

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## SECTION 10: STABILITY AND REACTIVITY

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STABLE

UNSTABLE

**STABILITY:** Yes

**CONDITIONS TO AVOID (STABILITY):** Unintentional contact with water.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Acids, ammonium salts and aluminum metal.

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HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Will not occur

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): None.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: Not toxic.

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: No effect known.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state, and local regulations, as these will differ from one area to the next.

RCRA HAZARD CLASS: None

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Wel-Cote® Latex Patch and Floor Underlayment

HAZARD CLASS: Non Hazardous

ID NUMBER: NMFC 33860

PACKING GROUP: None

LABEL STATEMENT: None

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None