

# MATERIAL SAFETY DATA SHEET

Wel-Cote™ Water Seal  
10/01/02

FILE NO.: WS  
MSDS DATE:

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Wel-Cote™ Water Seal  
SYNONYMS: Cement Paint  
PRODUCT CODES: 501(7 lb.), 502(25 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 limestone.  
CHEMICAL FORMULA: Compound

PRODUCT USE: Cement finishing and decorating.  
PREPARED BY: Robert L. Hamilton

SECTION 1 NOTES:

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS Number	% WT	% VOL	TLV (mg/m³)	PEL(mg/m³)
Limestone	1317-65-3>20	>20	10	15(T)/5(R)	
Portland Cement	65997-15-1	>50	>50	10	5
Calcium Hydroxide	1305-62-0>20	>20	5	15(T)/5(R)	

## 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:** None.

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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.

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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: White to off-white 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: N/A

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:

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.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Will not occur

HAZARDOUS POLYMERIZATION: Will not occur.

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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® Water Seal

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