

# MATERIAL SAFETY DATA SHEET

Wel-Cote™ Whiting  
10/08/02

FILE NO: WTNG  
MSDS DATE:

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Wel-Cote™ Whiting  
 SYNONYMS: Calcium Carbonate, Limestone  
 PRODUCT CODES: 522(1 lb.), 523(50 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: Inorganic mineral  
 CHEMICAL FORMULA: CaCO<sub>3</sub>

PRODUCT USE: Paint additive.  
 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> )
Limestone	1317-65-3100	100	10	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. Rinse with water for at least 15 minutes. If burning, redness or pain persist, contact a physician.

**SKIN:** Prolonged contact may cause irritation. Wash with soap and water. If irritation persists, contact a physician.

**INGESTION:** Material is nontoxic, however, ingestion of a significant quantity may cause an obstruction. If gastric discomfort occurs, contact a physician.

**INHALATION:** Inhalation of dust may irritate nose, throat, and lungs. Remove to fresh air. Seek medical attention if condition persists.

### ACUTE HEALTH HAZARDS

**EYES:** May cause mechanical irritation of the eyes, burning, redness, or pain. If these conditions persist, contact a physician.

**SKIN:** Prolonged contact with the skin may result in abrasions. If irritation persists, contact a physician.

**INHALATION:** The dust from dry product or as a result of sanding may cause upper respiratory irritation. If this condition develops, remove the person to fresh air. If these conditions persist, contact a physician.

**INGESTION:** Unlikely to occur. If significant quantity is swallowed, the product will react with moisture and cause gastric blockage. If this occurs, contact a physician.

**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	NTP:	IARC:
Respirable Crystalline Silica	Anticipated	Group 1

SECTION 3 NOTES: When used as directed, quantities of Respirable Silica would be expected to be less than the prescribed

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OSHA/NIOSH limits. Wear eye and skin protection. Use NIOSH/MSHA approved respirator when dry sanding.

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Rinse with water for at least 15 minutes. If redness or irritation persists, consult physician.

**SKIN:** Rinse with soap and water. If irritation persists, consult physician.

**INGESTION:** If nausea or irritation or gastric blockage occurs, consult physician.

**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  
**OTHER:** N/A

**FLAMMABILITY:** 0

**REACTIVITY:** 0

**HMIS HAZARD CLASSIFICATION**

**HEALTH:** 1  
**PROTECTION:** 0

**FLAMMABILITY:** 0

**REACTIVITY:** 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:** Store in dry conditions.

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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 when dry sanding.

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

**SKIN PROTECTION:** Generally not necessary, but may be desirable in certain conditions.

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OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK HYGIENIC PRACTICES: Follow acceptable good hygiene practices.

EXPOSURE GUIDELINES: Use wet sanding technique to 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: 7-8.5

BOILING POINT: N/A

F:

C:

MELTING POINT: N/A

F:

C:

FREEZING POINT: N/A

F:

C:

VAPOR PRESSURE (mmHg): N/A

@

F:

C:

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 2.5

SOLUBILITY IN WATER: Insoluble

PERCENT SOLIDS BY WEIGHT: 100

PERCENT VOLATILE:

BY WT/ BY VOL @ 212°F/ 100°C

0

0

VOLATILE ORGANIC COMPOUNDS (VOC): 0

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## SECTION 10: STABILITY AND REACTIVITY

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STABLE

UNSTABLE

STABILITY: Yes

CONDITIONS TO AVOID (STABILITY): None

INCOMPATIBILITY (MATERIAL TO AVOID): Acids.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Dioxide, Carbon Monoxide.

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**

ECOLOGICAL INFORMATION: No effect known.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**

U.S. DEPARTMENT OF TRANSPORTATION  
PROPER SHIPPING NAME: Wel-Cote® Whiting  
HAZARD CLASS: Non Hazardous  
ID NUMBER: NMFC 43710  
PACKING GROUP: N/A  
LABEL STATEMENT: None

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**SECTION 15: REGULATORY INFORMATION**

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