

MATERIAL SAFETY DATA SHEETWel-Cote™ Masonry and Basement Paint
06/24/03**FILE NO.: M&B**
MSDS DATE:**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** Wel-Cote™ Masonry and Basement Paint
SYNONYMS: None
PRODUCT CODES: 530(gallon), 531(5 gallon)**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:** Portland cement based sealing compound.
CHEMICAL FORMULA: Compound**PRODUCT USE:** Sealing and decorating of cement surfaces.
PREPARED BY: Robert L. Hamilton**SECTION 1 NOTES:** None**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	CAS Number	% WT	% VOL	TLV (mg/m³)	PEL(mg/m³)
Limestone	1317-65-3>50	>50	10	15(T)/5(R)	
Mineral Spirits	8052-41-3<35	<35	(NE)	(NE)	
Talc	14807-96-6	<1	<1	2(R)	2(R)
Crystalline Silica	14808-60-7	<2	<2	0.1(R)	0.1(R)
Portland Cement	65997-15-1	>30	<40	5	5

SECTION 3: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:** Combustible! Vapor may cause flash fire!**ROUTES OF ENTRY:** Eyes, Mouth, and Nose**POTENTIAL HEALTH EFFECTS****EYES:** Contact can cause mechanical irritation and chemical irritation. Rinse with water for at least 15 minutes.**SKIN:** Prolonged contact may cause irritation. Wash with soap and water.**INGESTION:** May be harmful or fatal if ingested.**INHALATION:** Inhalation of dust may irritate nose, throat, and lungs. Remove to fresh air. Seek medical attention if condition persists.**ACUTE HEALTH HAZARDS:** Chronic effects of ingestion and subsequent aspiration may cause lung tumor formation and lung dysfunction.**CHRONIC HEALTH HAZARDS:** Chronic overexposure to dust and/or vapors 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.

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

SECTION 4: FIRST AID MEASURES

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: Do not induce vomiting. Seek medical attention immediately.

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

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Inhalation overexposure can produce toxic effects. Monitor for respiratory distress. If ingested, this material presents a significant aspiration/chemical pneumonitis hazard. Induction of emesis is not recommended. Administer an aqueous slurry of activated charcoal followed by a cathartic such as magnesium citrate or sorbitol.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: None
LOWER: None

FLASH POINT: Closed Cup: 105°F to 110°F.

AUTOIGNITION TEMPERATURE: 446°F

NFPA HAZARD CLASSIFICATION

HEALTH: 1	FLAMMABILITY: 2	REACTIVITY: 0
OTHER: N/A		

HMIS HAZARD CLASSIFICATION

HEALTH: 2	FLAMMABILITY: 2	REACTIVITY: 0
PROTECTION: 0		

EXTINGUISHING MEDIA: Use dry chemicals, CO2, foam or inert gas.

SPECIAL FIRE FIGHTING PROCEDURES: Do not use water, as it may spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapor is heavier than air, and may travel long distances along the ground.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide will be produced at temperatures exceeding 800°C. Thermal decomposition will produce Water, Carbon Dioxide, and Carbon Monoxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Use grounded equipment when cleaning up large spills. Area may become slick, take caution to avoid falling. 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

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

OTHER PRECAUTIONS: Do not store in extreme heat or cold. Keep out of direct sunlight. Ground all equipment and containers when dispensing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

VENTILATION : Ventilate to keep exposures below TLV and vapors below flammability limits.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respirator when dry sanding.

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

SKIN PROTECTION: Wear protective gloves when handling product to prevent contact with skin.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK HYGIENIC PRACTICES: Follow acceptable good hygiene practices. Wash hands prior to eating.

EXPOSURE GUIDELINES: Use in well ventilated area away from sources of ignition.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White to off white paste.

ODOR: Low odor.

PHYSICAL STATE: High viscosity paste.

pH AS SUPPLIED: 8-10

BOILING POINT:

F: 300°F to 400°F

C: 100°

MELTING POINT:N/A

F:

C:

FREEZING POINT:

F: NA

C: NA

VAPOR PRESSURE (mmHg): 2.1

@

F: 68

C: 20

SPECIFIC GRAVITY (H₂O = 1): 2

SOLUBILITY IN WATER: Slightly Soluble

PERCENT SOLIDS BY WEIGHT: >80

PERCENT VOLATILE:

BY WT/ BY VOL @ 212°F/ 100°C

<35 <35

VOLATILE ORGANIC COMPOUNDS (VOC): <2g/L

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SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY:

Yes

CONDITIONS TO AVOID (STABILITY): Keep away from extreme heat and open flame..

INCOMPATIBILITY (MATERIAL TO AVOID): Strong acids, alkalis, and peroxides.

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

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): None.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Oral(LD50):
Gas(LC50):
Dermal(LD50):

Acute: GT 34,600mg/kg(Rat).
Acute: GT 21,400mg/m³ for 4 hours(Rat).
Acute: 15,400 mg/kg(Rabbit)

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Potentially toxic to freshwater and saltwater ecosystems.

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: Conditions of use may cause the material to become a hazardous waste. It is the responsibility of the end user to determine if the material is a RCRA "hazardous waste" at the time of disposal.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Wel-Cote® Masonry and Basement Paint

HAZARD CLASS: Hazardous

ID NUMBER: NMFC 150110

PACKING GROUP: None

LABEL STATEMENT: Flammable.

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

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311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None

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