

**MATERIAL SAFETY DATA SHEET**

Wel-Cote™ Topping Compound  
12/28/01

FILE NO.: TJC  
MSDS DATE:

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT NAME:** Wel-Cote™ Topping Compound  
**SYNONYMS:** None  
**PRODUCT CODES:** 157(62lb. Pail), 158(48lb Carton),

**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:** Water based compound of limestone and latex.  
**CHEMICAL FORMULA:** Compound

**PRODUCT USE:** Drywall joint finishing and repairs  
**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                        | 1317-65-3>50 | >50  | 10    | 15(T)/5(R)               |                         |
| Water                            | 7732-18-5<35 | <35  | (NE)  | (NE)                     |                         |
| Mica                             | 12001-26-2   | <5   | <1    | 3(R)                     | 3(R)                    |
| Talc                             | 14807-96-6   | <1   | <1    | 2(R)                     | 2(R)                    |
| Attapulgite                      | 12174-11-7   | <1   | <2    | (NE)                     | (NE)                    |
| Kaolin                           | 1332-58-7<1  | <1   | 10(R) | 10(R)                    |                         |
| Vinyl Acetate Polymer            | 9003-20-7<5  | <5   | (NE)  | (NE)                     |                         |
| Vinyl Acetate Monomer            | 108-05-4     | <0.1 | <0.1  | 10ppm                    | 10ppm                   |
| 2((hydroxymethyl) amino) ethanol | 34375-28-5   | <0.2 | <0.2  | (NE)                     | (NE)                    |
| Crystalline Silica               | 14808-60-7   | <2   | <2    | 0.1(R)                   | 0.1(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.

**SKIN:** Prolonged contact may cause irritation. Wash with soap and water.

**INGESTION:** No known effects.

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

**ACUTE HEALTH HAZARDS:** See above.

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

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**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 |
| Vinyl Acetate Monomer         | Not Listed  | 2B      |

**SECTION 3 NOTES:** When used as directed, quantities of Respirable Silica and Vinyl Acetate Monomer 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

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## 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:** If nausea or irritation 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

**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:** Carbon Dioxide will be produced at temperatures exceeding 800°C. Thermal decomposition will produce Water, Carbon Dioxide, Carbon Monoxide, and Acetic Acid.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

**ACCIDENTAL RELEASE MEASURES:** Use normal clean up procedures. 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

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**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.

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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.

**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 paste.

**ODOR:** Low odor.

**PHYSICAL STATE:** High viscosity paste.

**pH AS SUPPLIED:** 7-8.5

**BOILING POINT:**

F: 212°

C: 100°

**MELTING POINT:**N/A

F:

C:

**FREEZING POINT:**

F: 32°

C: 0°

**VAPOR PRESSURE (mmHg):** 17

@

F: 20°

C: -8°

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.5

**SOLUBILITY IN WATER:** Soluble

**PERCENT SOLIDS BY WEIGHT:** >60

**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

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STABLE

UNSTABLE

STABILITY: Yes

CONDITIONS TO AVOID (STABILITY): None known.

INCOMPATIBILITY (MATERIAL TO AVOID): None known.

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

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® Topping Compound  
HAZARD CLASS: Non Hazardous  
ID NUMBER: NMFC 149980  
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