

MATERIAL SAFETY DATA SHEET

Wel-Cote® Ceramic Tile Adhesive
10/09/02

FILE NO.: CTA
MSDS DATE:

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Wel-Cote® Ceramic Tile Adhesive
SYNONYMS: None
PRODUCT CODES: 581(1 quart), 582(1 gallon), 583(3.5 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: Water based compound of inorganic fillers and synthetic resin.
CHEMICAL FORMULA: Compound

PRODUCT USE: Bonding of floor coverings to substrate.
PREPARED BY: Robert L. Hamilton

SECTION 1 NOTES:**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT	CAS Number	% WT	% VOL	TLV (mg/m ³)	PEL(mg/m ³)
Water	7732-18-5	>30	(NE)	(NE)	
Kaolin	1332-58-7	>30	10(R)	10(R)	
Attapulgite	12174-11-7	<1	<2	(NE)	(NE)
Vinyl Acetate Polymer	9003-20-7	<10	(NE)	(NE)	
Vinyl Acetate Monomer	108-05-4	<0.1	<0.1	10ppm	10ppm
Triethanolamine	102-71-6	<0.2	<0.2	NE	NE
Diethanolamine	111-42-2	<.02	<.02	3	3
Oleic Acid	112-80-1	<0.2	<0.2	(NE)	(NE)
2((hydroxymethyl) amino) ethanol	34375-28-5	<0.2	<0.2	(NE)	(NE)
Crystalline Silica	14808-60-7	<1	<1	0.1(R)	0.1(

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 or chemical irritation.

SKIN: Prolonged contact may cause irritation or burns.

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.

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

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.

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

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 1 **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.

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

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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 (H₂O = 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

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.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Triethanolamine-LD50(oral)rat= 4000mg/kg. LD50(absorption)rabbit= 2000mg/kg.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No effect known.

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

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Wel-Cote® Ceramic Tile Adhesive
HAZARD CLASS: Non Hazardous
ID NUMBER: NMFC 4620
PACKING GROUP: None
LABEL STATEMENT: None

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):

311/312 HAZARD CATEGORIES: Diethanolamine(<.02%)-Immediate health hazard. Delayed health hazard.

313 REPORTABLE INGREDIENTS: Diethanolamine(<.02%)

STATE REGULATIONS: Not known.

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INTERNATIONAL REGULATIONS: Canada- Diethanolamine(<.02%)- D2B

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