

MATERIAL SAFETY DATA SHEET

Wel-Cote™ Wallpaper Paste
10/10/02

FILE NO.: WPP
MSDS DATE:

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Wel-Cote™ Wallpaper Paste
SYNONYMS: None
PRODUCT CODES: 573(4 oz.), 574(12 oz.)

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: Polysaccharide blend
CHEMICAL FORMULA: Compound

PRODUCT USE: Wallcovering adhesive
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)
Polysaccharide	69234-31-7	>80	>80	NE	NE
Starch	9005-27-0<20	<20	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.

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

INGESTION: Gastric discomfort and/or blockage.

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

ACUTE HEALTH HAZARDS: None known.

CHRONIC HEALTH HAZARDS: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY

MATERIAL

NTP:

IARC:

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

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

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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: .04 oz./ft³

FLASH POINT: Non-Combustible

AUTOIGNITION TEMPERATURE: None

NFPA HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

OTHER: N/A

HMIS HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 0

REACTIVITY: 0

PROTECTION: 0

EXTINGUISHING MEDIA: Water, CO₂, dry powder or foam.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product dust may form an explosive mixture with air. Avoid conditions which produce dust. Avoid open flames and sparks.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide

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.

SECTION 7: HANDLING AND STORAGE

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

OTHER PRECAUTIONS: Do not store in extreme heat or cold. Avoid wet conditions.

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 handling dry product.

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: Avoid creating dust.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White to off-white powder or flakes.

ODOR: Starch-like odor

PHYSICAL STATE: Dry powder or flakes.

pH AS SUPPLIED: 10-12 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 (H₂O = 1): 2.5

SOLUBILITY IN WATER: Soluble

PERCENT SOLIDS BY WEIGHT: 100

PERCENT VOLATILE:

BY WT/ BY VOL @ 212°F/ 100°C

VOLATILE ORGANIC COMPOUNDS (VOC):

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.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (POLYMERIZATION): None

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.

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® Wallpaper Paste

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): N/A

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None