

UFill™

ACRYLIC URETHANE ELASTOMERIC SEALANT



Application Instructions and MSDS Data



PRODUCT DESCRIPTION: An internally plasticized acrylic urethane sealant. This premium technology reduces dirt pickup, eliminates yellowing and shiners. UFill has superior adhesion, durability and 500% elongation. It forms a flexible, durable, airtight, water resistant seal offering exceptional protection from environmental conditions. Once cured, the bead is mildew resistant and exceeds the requirements of Fed. Spec. TTS-00230C, Type S, Class B; ASTM C-920, Grade NS, Class 12.5, and ASTM C-834 Type P, Grade -18°C. UFill is designed for interior or exterior applications and can be used on a wide variety of surfaces including: Crown Molding, Windows, Trim, Doors, Sinks, Counters, Siding, Penetrations, Stucco, EIFS, Hardboard and Flashing. Substrates include, but are not limited to: Masonry, Brick, Concrete, Wood, Metal, Marble, Glass, Porcelain, and Ceramic Tile. UFill features soap and water clean-up. Shelf life of UFill is one year.

SURFACE PREPARATION: Surfaces to be caulked must be dry and free of all dirt, dust, oil, mildew, loose paint, old caulk or other contaminants. Bare surfaces should be primed before caulking — UFill is typically applied between the Bond and Finish coats of UCoat® epoxy. Only apply when sealant, surface and air temperatures are above 40°F and rising. Do not apply on surfaces that exceed 120°F, or when rain is expected.

APPLICATION: 1. Cut nozzle at a 45° angle. Cured bead should be between 1/8" and 1/2". Use a non-gassing foam backer rod or bond breaker tape to avoid 3-point adhesion. 2. Smooth bead with moistened cloth. 3. Clean up tools with soap and water. 4. Allow 4 to 6 hours curing time before applying UCoat finish coat. (Note: UCoat finish coat should be applied within 36 hours after your UCoat bond coat has dried. See UCoat Instruction Manual for additional details.)

TYPICAL COVERAGE: 20 linear feet for a 1/8" bead.

NOT INTENDED FOR AREAS THAT WILL BE SUBMERGED IN WATER. KEEP FROM FREEZING. NOT FOR FOOD CONTACT SURFACES.

WARNING: IRRITATING TO SKINS, EYES, AND RESPIRATORY TRACT. Harmful if swallowed, inhaled or absorbed through the skin. May cause allergic skin reactions and/or central nervous system depression. Adverse reproduction effects have been reported in animals. May cause adverse kidney effects. Avoid contact with eyes, skin and clothing. Use in well ventilated area. Wear eye, skin and respiratory protection. Eye contact: Immediately flush with water for 15 minutes and get medical attention immediately. Ingestion: Do not induce vomiting. Give large quantities of water and get medical attention. Never give anything by mouth to an unconscious person. For health information, refer to the Material Data and Safety Sheet or call Chemtrec at 800-424-9300. KEEP OUT OF REACH OF CHILDREN. VOC excluding water is less than 50 grams per liter. California Proposition 65 Warning: This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harms. Contains Acrylic polymer, CaCO₃, Ethylene Glycol, Mineral Spirits, and Phthalate Ester.

MSDS DATA CONTINUES ON FOLLOWING PAGES



This product manufactured by UCoat It America, LLC.
For more information, call 1-800-UCoat-It (800-826-2848)
or visit our web site at www.UCoatIt.com

Material Safety Data Sheet : UFill™ (1 of 3)

HMIS Codes: H F R P
 1 0 0 D

Section 1 - Manufacturer Identification

Manufacturer's Name: UCoat It America, LLC.
Address: 1797 Atlantic Blvd., Auburn Hills, MI 48326
Date Revised: 08-26-09

Emergency Phone: Chemtrec - 1(800) 424-9300
Information Phone: 1(800) 826-2848
Name of Preparer: UCoat It America, LLC.

Section 2 - Composition / Information on Ingredients

Components	CAS Number	Weight Percent	TLV	PEL-TWA
Mineral Spirits	8052-41-3	1-5	100 ppm	100 ppm
Ethylene Glycol	107-21-1	1-5	Not Established	Not Established
Acrylic Polymer	Proprietary	70-95	Not Established	Not Established
Water	7732-18-5	>5	Not Established	Not Established

Section 3 - Hazards Identification

EFFECTS OF OVEREXPOSURE -

ACUTE EFFECTS:

- EYES:** Direct contact may cause slight to moderate irritation.
- SKIN:** May cause allergic skin reactions and / or central nervous system depression.
- INHALATION:** May cause slight irritation to respiratory passages – headache – dizziness.
- INGESTION:** Low ingestion hazard in normal use.

PROLONGED / REPEATED EXPOSURE EFFECTS:

- SKIN:** May cause allergic skin reactions, defatting, drying, and dermatitis.
- INHALATION:** No applicable information available.
- INGESTION:** May cause adverse kidney effects.
- OTHER:** Some adverse reproduction effects have been reported in animals.

Section 4 - First Aid Measures

EMERGENCY FIRST AID PROCEDURES –

- EYES:** Flush with large volumes of water for 15 to 30 minutes. Remove contacts after the first 2 minutes of flushing. Get medical attention.
- SKIN:** Wash with soap and water or waterless cleanser. Get medical attention if irritation develops or persists.
- INHALATION:** Move to fresh air. Get medical attention.
- INGESTION:** Do not induce vomiting. Seek medical attention from a physician. Never give anything by mouth to an unconscious person.
- OTHER:** No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Section 5 - Fire Fighting Measures

Flash Point: Waterbased product, flash point not applicable

Explosion Hazard: Waterbased product, not an explosion hazard

LEL: Not Applicable

Extinguishing Media: Carbon dioxide, dry chemical, foam, or water spray

Unusual Fire and Explosion Hazards: Material can splatter above 200°F

Special Fire Fighting Procedures: Water can be used to cool fire-exposed containers. Self-contained breathing apparatus and protective clothing should always be worn when fighting large fires involving chemicals.

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Section 6 - Accidental Release Measures

In the case of accidental release or spill: Follow all recommendations regarding Personal Protective Equipment. Preferred method would be to scrape up spilled material and place in secondary container for disposal. Smaller spills can also be wiped up. Residual material can be removed with the assistance of hot water and soap. White water should be captured and contained for disposal.

Disposal Method: All material must be disposed in accordance with Federal, State, and Local Regulations. This includes any white water created in the cleaning of the spill.

Section 7 - Handling and Storage

HANDLING AND STORAGE:

- Protect from freezing.
- Rotate all stock.
- Store in a cool, dry place.
- Keep away from food, feed, or drinking water.
- Keep container closed when not in use.

Section 8 - Exposure Controls / Personal Protection

EXPOSURE LIMITS:

ETHYLENE GLYCOL: 100 ppm Ceiling ACGIH

PERSONAL PROTECTION:

RESPIRATORY PROTECTION: Use with adequate ventilation. None needed if concentrations are kept below the listed exposure limits.

SKIN PROTECTION: Chemical resistant gloves are recommended for prolonged exposure. Clothing should be such that it protects skin from direct contact with sealant.

EYE PROTECTION: Safety glasses with side shields (ANSIZ87.1 or approved equivalent).

OTHER PROTECTIVE EQUIPMENT: None required.

Section 9 - Physical and Chemical Properties

APPEARANCE: Paste consistency. White when wet, dries clear.

ODOR: Sweet Acrylic, with a mild ammonia odor

PHYSICAL STATE: Paste

pH AS SUPPLIED: 7.5 - 9

BOILING POINT: > 200°F

FREEZING POINT: < 32°F

VAPOR PRESSURE (mmHg): 25 mm Hg @ 68°F

VAPOR DENSITY (AIR = 1): > than 1

EVAPORATION RATE: Slower than Ether

WATER SOLUBILITY: Dispersible

WEIGHT PER GALLON: 9 – 10 Lbs/Gallon.

% VOLATILE BY VOLUME: 25-45%

VOLATILE ORGANIC COMPOUNDS (VOC): < 50 grams per liter (excluding water)

Section 10 - Stability and Reactivity

STABILITY: Stable (keep below 200°F)

CONDITIONS TO AVOID: Store away from strong oxidizers

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizers

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

HAZARDOUS POLYMERIZATION: Will not occur

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Section 11 - Toxicological Information

ACUTE DATA: No toxicity data are available for this material. Section 3 is based on profiles of similar materials.

Section 12 - Ecological Information

Latex dispersions will color water a milky white, but no bioconcentration is expected because of the high molecular weight.

No Other Applicable Data

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD: All waste must be disposed in accordance with Federal, State, and Local Regulations (see 40 CFR Part 268).

Section 14 - Transportation Information

DOT Shipping Name: Not a D. O. T. Regulated Material

DOT Hazard Class: None

DOT UN / NA Number: None

Packaging Group: None

Section 15 - Regulatory Information

OSHA Hazard: 29 CFR 1910.1200
Not a hazardous chemical as defined by this standard.

SARA Title III: **Section 313 Information (40CFR 372)**
This product does not contain a chemical which is listed in Section 313 at or above “de minimis” concentrations.

CERCLA: **Information (40 CFR 302.4)**
Releases of this material to air, land, or water are not (to the best of our knowledge) reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

Waste Classification: When a decision is made to discard this material as supplied, it is classified as a RCRA non-hazardous waste.

TSCA Status: All chemical substances in this product are included on, or exempted from, listing on the TSCA Inventory of Chemical Substances.

California Prop 65: This product contains trace amounts of components known to the state of California to cause cancer.

Pennsylvania (worker and community right to know act): The following components are cited in the Pennsylvania Hazardous Substances List, and are present at levels that require reporting.

Ethylene Glycol 107-21-1 > 2%

Section 16 - Other Information

OTHER INFORMATION: Keep out of reach of children. Keep container closed when not in use.

Warning: When scraping, sanding, or removing old paint, you may release lead dust. LEAD IS TOXIC. Exposure to lead dust can cause series illness. This can include brain damage, especially in children. Pregnant women are also particularly at risk, and should avoid exposure. Always use a NIOSH approved respirator to control lead exposure. Clean up area with a HEPA vacuum and a wet mop. Before starting any project that may expose individuals to paint dust, find out how to protect yourself, your co-workers, and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD.

Disclaimer

The information contained herein relates only to the specific material identified. UCoat It America, LLC (“UCoat It”) believes that such information is accurate and reliable as of the date of this MSDS sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. UCoat It urges persons receiving this information to make their own determination as to the information’s suitability and completeness to their particular application. It is the buyer’s / users responsibility to ensure that all activities comply with the appropriate federal, state, and local laws.