

### TDS AND APPLICATION GUIDE

#### DESCRIPTION:

UnGlu'd is an advanced, patent-pending chemical de-bonding technology effective in the removal of pressure-sensitive adhesives (PSAs) and other flooring mastics, glues, and adhesives (both water-based and non-water-based). UnGlu'd is non-toxic and fully biodegradable. This fast-acting formula eliminates the need for time-consuming mechanical or abrasive removal, as well as the use of toxic chemicals.

#### FEATURES & BENEFITS:

- Effective in removing PSAs, flooring mastics, glues, and adhesives
- Safer alternative for the removal and containment of asbestos-based mastics
- Fast-acting— 2-hour dwell time is typical
- Non-toxic and non-caustic
- Fully-biodegradable
- Non-flammable
- Low odor, no HAPS, and no TAPS; does not require forced ventilation
- Improves project site health and safety
- Non-corrosive to tools

#### APPLICATIONS:

- Concrete
- Wood
- Cement-based materials
- Other unpainted substrates

#### PRODUCT DETAILS:

Packaging	4-gallon kits; 2-part liquid and powder
Color	Tan
Shelf Life	12 months in unopened containers
Pot life @ 73F°	Mixed material reusable if sealed tightly in pail
Dwell Time	2 hours minimum to overnight
Application Temperature	55-95 F°
VOC Content	<0 g/L
Coverage	80-100 SF/GAL (dependent on surface roughness)

#### SURFACE PREPARATION:

All finished flooring must be completely removed so that target PSA / mastic / glue is totally exposed. There should be no pooled water or other liquid on the surface prior to application of UnGlu'd. Remove other loose foreign materials prior to application. Before applying, protect all areas that won't be treated.

## MIXING & APPLICATION

Open pail and pre-mix Part A (liquid) with drill and paddle mixer for 30 seconds. While still mixing, slowly add Part B (powder) until all powder is emptied into the pail of liquids. Continue mixing for 4 minutes, moving the mixing paddle around in the pail to ensure all dry powder is thoroughly and homogeneously mixed. **DO NOT UNDER MIX. DO NOT DILUTE.**

Once mixed properly, apply to the target area using a nap-roller, brush, or other spreading technique. The goal is to apply a heavy and uniform coat of UnGlu'd to completely encapsulate the surface of the target floor. Apply at a rate of 80-120 sf/gallon (full mixed kit includes 4 gallons) depending on the roughness of the surface. Once UnGlu'd is applied, protect target area from interference from equipment traffic, walk-on traffic, rain, etc. Any unused mixed UnGlu'd can be re-sealed for future use but must be stored with lid completely sealed. If you walk away from the application for more than 1 hour, remix the material for 1 minute before reapplying.

## DWELL TIME

Once properly applied to the target floor area, allow UnGlu'd to dwell on the surface for a minimum of 2 hours, and up to 12 hours (overnight). UnGlu'd will still be "wet" after 2 hours; however, with longer dwell times (such as overnight) UnGlu'd will dry out and may alter how the underlying PSA or mastic scrapes off the substrate. Dwell time will increase in colder temperatures (ambient and substrate) and may vary based on type of material being removed. **Always perform a test patch to determine adequate dwell time.** DO NOT agitate or interfere with the surface once the product has been applied. Ok to test the area after 2 hours to see if dwell time is sufficient for easy removal, allow to dwell longer if adhesive does not easily scrape from surface.

## REMOVAL

After sufficient dwell time, and with confirmation from the test patch, use a sharp, long-handled razor floor scraper to remove the target adhesive. If dwell time was sufficient, adhesives should be easy to scrape off and remove. Ensuring the scraper gets "under" the base PSA/glue/mastic when beginning to scrape will allow for easier removal, as the materials should "peel" off the underlying substrate. UnGlu'd is specially formulated to work effectively in as little as 2 hours. When removing within this dwell time, the product will still be "wet." Wet scraping will result in wet waste and is ideal for short project time frames, as well as for projects where asbestos-based mastics are suspected.

When UnGlu'd is used on concrete and cementitious substrates and a coating/epoxy, paint, or new floor is to be installed, the surface residue must be cleaned. Residue can be easily removed with water and a black pad floor scrubber. If concrete floor requires a CSP profile, use S3 Surface Prep EXT to provide a profile and porosity. Always refer to coating manufacturer's recommendation for surface preparation. Please refer to the S3 Surface Prep EXT Technical Data Sheet or contact S3 Surface Solutions LLC for further instruction on use.

## DISPOSAL

Collect all solid waste (both wet and dry) and dispose of according to local waste regulations. When removing asbestos-containing materials, always comply with local regulations and use extra caution in removal and disposal. UnGlu'd is non-toxic and fully biodegradable, but always use standard chemical handling safety and precautions.

## CLEAN UP

Tools and surfaces can be cleaned with water. Dispose of excess material in accordance with local, state, and federal regulations.

## STORAGE

UnGlu'd must be stored in tightly sealed containers, between temperatures 50-80°F. Do not allow to freeze.

## **SAFETY PRECAUTIONS**

### **HEALTH CONSIDERATIONS**

As with all epoxies, good hygienic habits must be observed, and the wearing of protective clothing and gloves is advised. Before using any S3 Surface Solutions, LLC product, please read and follow the product Safety Data Sheet (SDS). Use this product only as directed. Keep out of the reach of children.

### **FOR YOUR PROTECTION**

The data, statements, and recommendations shared in this product information sheet are based on research and development work carefully conducted by S3 Surface Solutions. We believe such data, statements, and recommendations will serve as reliable guidelines. This product is subject to numerous uses under varying conditions over which we have no control; and accordingly, we do NOT warrant this product is suitable for any use. Users are advised to test the product in advance to make certain it is suitable for their installation conditions and uses.

## **DISCLAIMER**

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## **WARRANTY**

The data, statements, and recommendations set forth in this product information sheet are based on testing, research, and other development work carefully conducted by us; and we believe such data, statements, and recommendations will serve as reliable guidelines. However, this product is subject to numerous uses under varying conditions over which we have no control; and accordingly, we do NOT warrant this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and particular use or uses.

**WARRANTY** - All products manufactured by us are warranted to be first-class material and free from defects in material and workmanship. Liability under this warranty is limited to the net purchase price of any such products proven defective; or, at our option, to the repair or replacement of said products upon their return to us (transportation prepaid). All claims hereunder on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other materials and products. **WE MAKE NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE SUITABILITY OF ANY OF OUR PRODUCTS FOR ANY PARTICULAR USE, AND WE SHALL NOT BE SUBJECT TO LIABILITY FROM ANY DAMAGES RESULTING FROM THEIR USE IN OPERATIONS NOT UNDER OUR DIRECT CONTROL. THIS WARRANTY IS EXCLUSIVE OF ALL OTHER WARRANTIES.**