



## Peel Away® 1 – Heavy Duty Paint Remover

## Tech Data Sheet

**Product Description & Use:** Peel Away® 1 Heavy Duty Removal Kit is an environmentally responsible method for removing organic or lead based paint from most substrates. The Peel Away® 1 Heavy Duty Removal Kit includes paste remover, application tool, pH test kit, Dumond® Laminated Paper, and Citri-Lize™ neutralizer. After doing a proper test patch, Peel Away® 1 paste remover is spread or sprayed on the substrate being stripped. The Peel Away® 1 is then covered with the Dumond® Laminated Paper (printed side out) making sure all air pockets are smoothed out. Dumond® Laminated Paper is used to limit evaporation and is left on until all the paint or coating is emulsified by Peel Away® 1 paste. When removing it is critical that you do not rely on the tension between the paper and paste to pull away the paste/paint. Remove by sliding carefully a spatula or taping knife under the edges of paste easing both the paste and paper off together. The stripped substrate is then washed with clean water and once thoroughly dried, neutralized with Citri-Lize™ neutralizer included in the kit and then tested for pH.

### **Features & Benefits:**

- Formulated without Methylene Chloride
- Does not generate hazardous fumes
- Non-toxic, non-carcinogenic, and non-flammable
- Zero VOC
- Controls lead-dust dispersal

**Limitations:** Not recommended for use on veneer, plywood, drywall, aluminum, brownstone, sandstone, limestone, fiberglass, glass laminates, Plexiglass, plastics, rubber and EIFS. Peel Away® 1 will darken hardwoods. Not recommended for the removal of epoxies, urethanes, chlorinated rubber, cementitious paints, baked finishes and other high-performance coatings. Always do a test patch prior to full removal.

**Test Patch:** Always perform a small inconspicuous test area on each type of substrate and paint coating prior to full application. Testing before beginning any project is the best way to ensure product effectiveness. Test patches can determine the proper dwell time and thickness to apply the product for you specific application. Failure to do a test patch can result in need for more than one application, increasing labor and material costs.

**Recommended Substrates:** Before applying to the entire substrate always do a test patch. Recommended for use on wood, concrete, cement, stone, stucco, plaster, cast iron, steel, marble, terra cotta, granite, terrazzo, copper, tin, tiles, enamel, clapboard and slate.

**Regulatory Information:** VOC compliance - **Peel Away® 1** meets all national, state and local regulations.

**Preparation:** Prepare surface by scraping or pressure washing to remove all loose or peeling coatings. Allow substrate to dry before applying **Peel Away® 1**. Protect and cover all areas, vegetation and surfaces not designated to be stripped including adjoining surfaces where overspray may travel. Solvent resistant polyethylene sheets can be used as an effective barrier. Wet down all vegetation and cover with **Dumond® Catch-N-Cover™** or 6 mil solvent resistant polyethylene sheets.

**Surface and Air Temperatures:** To avoid product from freezing and reducing effectiveness do not use below 35° degrees Fahrenheit. For best results, use product in temperatures above 50° degrees Fahrenheit and below 90° degrees Fahrenheit. Product effectiveness is increased in warmer temperatures.

**Application & Spread Rate:** **Dumond® Chemicals** always recommends working in smaller manageable areas when striping unless you are working with a large number of people, only strip what you can rinse before the remover dries, usually a 4' X 4' area. Using a trowel apply paste according to test patch results. For 48 hour dwell time ¼ inch is recommended. When applying onto irregular surfaces use nylon brush to force paste into intricate areas. Cover all paste with **Dumond® Laminated Paper** while being careful to lightly smooth out most air pockets. Product can dwell 12-48 hours if necessary. **Peel Away® 1** provides an average spread rate of approximately 20 Sq. Ft. per gallon; results may vary based on substrate texture and porosity.

- **Spray Application:** **Dumond® Chemicals** recommends that **Peel Away® 1** be sprayed with a texture sprayer. Pump size should be at least ¾ gallon per min. Aluminum guns should **NOT** be used, as a chemical reaction will take place with **Peel Away® 1**. **This may cause damage to the gun.** All filters and manifolds should be removed prior to spraying. Hose size 25' X 1". Nozzle, trigger texture gun with a 10 fluid nozzle with medium disk. Use high fluid pressure and high pressure at the gun. Keep a clean bucket of water available, as an occasional flush of the pump may be necessary on hot days to alleviate clogs and the pumps inability to build up pressure. Do not leave **Peel Away® 1** in sprayer or spray lines overnight. Flush sprayer and hose thoroughly each day and upon completion with warm water.

**Removal & Clean Up:** Remove by inserting a trowel, spatula, or other paint scrapping tool underneath paste and lift **Dumond® Laminated Paper** while slowly scrapping. Plastic tools are recommended when working on wood substrates. After all paste has been removed, and while still wet, use a nylon brush or scotch brite pad and clean water to scrub residue off the substrate, paying particular attention to crevices, grooves, and cracks. Rinse thoroughly with water to remove all remaining residue. For optimal results, low pressure washing is recommended for final rinse when working outside. Remember, only strip what you can rinse before the remover dries, usually a 4' X 4' area. Dispose of paper, paste remover and dissolved coatings according to federal, state and local regulations. For best results, wait at least 24-48 hours before neutralizing on porous substrates (wood and masonry).

**Waste Disposal:** When lead-based paint coatings are being removed from a substrate, disposal of the resulting waste is regulated by the United States Environmental Protection Agency (EPA) and many state and local agencies. Federal standards for classification, handling and disposal of potentially hazardous wastes are detailed in EPA's Resource Conservation and Recovery Act (RCRA) of 1976. Additional, more stringent regulations may be imposed by state and local regulatory authorities.

**Neutralization:** Use **Citri-Lize™** Neutralizer (included in kit) for neutralization process. **Dumond® Chemicals** recommends waiting 24-48 hours before neutralizing porous surfaces. Neutralizing is required when re-painting or re-staining after paint removal. Failure to properly clean and neutralize the surface as directed may result in alkaline residue that may cause hazing and/or subsequent coating failure. **Citri-Lize™** Neutralizer can be applied at any point after paint removal, however is most effective when applied to a dry substrate. Follow directions for water ratio on the back of the **Citri-Lize™** bag and use plastic sprayer to thoroughly coat entire substrate. Allow substrate to dry and test with PH test strips, repainting can occur when PH range is between a 5 and 8 and the moisture content is below 12%.

**Re-Painting Wooden Surfaces:** For best results on wooden surfaces use a moisture meter before re-painting. Re-Painting can occur at readings of 12% moisture or below. **Dumond® Chemicals** recommends the use of a premium 100% acrylic stain blocking primer on all wooden surfaces to minimize moisture problems including peeling. Cedar, redwood and cypress woods have a tendency to bleed resin and/or tannic acids. Extra drying time may be required before painting these surfaces (up to as much as 60 days in some cases) otherwise staining may occur. If this occurs, spot prime those areas with an alkyd based stain killing primer. Ask your paint supplier for a premium primer that retards and seals in extractive bleeding and discoloration.

**Best Practices:**

- Always test each type of surface and paint coating for efficacy, dwell times and thickness. Let the **Peel Away® 1** dwell at least 12 hours before removing.
- Never apply **Peel Away® 1** and leave it for 24-48 hours without checking on it
- If product dries or hardens to the surface, remove the **Dumond® Laminated Paper** and apply a thin coat of **Peel Away® 1** on hardened area, reapply **Dumond® Laminated Paper** and wait 30 minutes to 1 hour and remove.
- Use straight white vinegar as a substitute for **Citri-Lize™** neutralizer
- Use butchers paper or freezer paper as a substitute for **Dumond® Laminated Paper**
- Wood bleach can be used on wooden surfaces (after **Citri-Lize™** Neutralizer has been apply) to lighten substrate

**Availability & Cost:** **Dumond® Chemicals** products are available through a nationwide network of paint stores, hardware stores and safety supply distributors. For outlet nearest you please visit [www.dumondchemicals.com](http://www.dumondchemicals.com) once on the website type your zip code or postal code into the dealer locator to find addresses and phone numbers of your nearest dealer.

**Health & Safety Requirements:** Not for internal consumption. While **Smart Strip™** is formulated to be safe for the user, surface and environment, proper safety procedures should be followed at all times when handling this product. Read the full label and MSDS for precautionary instructions before use.

**24-Hour Emergency Information:**

1-800-535-5053 **North America** or 1-325-323-3500 **International**

**Warranty:** **Dumond® Chemicals, Inc.** warrants all of its products to be free from defects, and makes no other warranties with respect to its products, express or implied, including without limitation the implied warranties of MERCHANTABILITY OF FITNESS FOR PARTICULAR PURPOSE. **Dumond® Chemicals, Inc.** liability shall be limited in all Events to supplying sufficient products to re-treat the specific areas to which defective product have been applied. **Dumond® Chemicals, Inc.** shall have no other liability, including liability for incidental, consequential or resultant damages whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of **Dumond® Chemicals, Inc.** or its distributors, and dealers.

**Technical Services:** **Dumond's** expert staff is available to answer technical questions and provide product-specific information. On-site assistance is available at no additional cost. Call 800-245-1191, email [info@dumondglobal.com](mailto:info@dumondglobal.com) or visit [www.dumondchemicals.com](http://www.dumondchemicals.com) with product or technical questions.

**Technical Data:**

- **Form** - White Thick Paste
- **Viscosity** - 26.5
- **Specific Gravity** - 1.44
- **Wt./ Gal** - 12.0 Pounds
- **Flash Point** - None
- **Solid Content** - 58.0
- **VOC** - Zero
- **PH** - 13.0
- **Freeze Point** - Maintain above 32 degrees F°
- **Shelf Life** - 2 years in a tightly sealed container and kept in a warm, clean and dry environment.



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