

PreTox 2000 DM Product Data Sheet

Description

PreTox 2000 Demo is a single component overcoating applied to a lead-based paint coated surface prior to demolition or renovation operations. PreTox 2000 Demo renders lead based paint non-hazardous for disposal. Designed with good adhesion, PreTox 2000 Demo is easy to use on the job. PreTox 2000 Demo will remain intact throughout the demolition or removal process and ensure non-hazardous disposal of waste.

Recommended Uses

- Residential Demolition
- Remodeling
- Commercial Demolition
- Component Removal
- Brick/Masonry Wood
- Historic Renovations

Compatible Removal Methods

- Component removal
- Knock-down Demolition

Recommended Application Equipment

PreTox 2000 Demo can be applied by brush, roller or mechanical spray equipment. Industrial grade airless spray equipment such as a Graco King or Bulldog is recommended. When using such equipment, use a .045 tip or larger and remove all filters or use 20 mesh or larger filter.



Thinning/Clean Up

Thinning is not required or recommended. Clean up equipment after use with any aliphatic or aromatic solvent.

Features

- Dry time 8 hours at 70°F and 50% RH
- Spread rate: 2,000 to 5,000 sq.ft/hr depending on substrate and equipment.
- Coverage 25 to 100 sq.ft/gal depending on paint and substrate. Average coverage for typical structures is 40 sq.ft/gal.
- VOC = 3.3 lb./gal
- Flashpoint = 106° F
- Solids = 72% (by weight)
- Weight per gallon = 11.5lbs

Product Use

- Mix thoroughly (Some settling will occur during storage).
- Apply to substrate.
- Allow to dry.
- Remove component or demolish structure.
- Sample waste as per federal and local regulation (for assistance, call NexTec at 800-338-8296).
- Dispose of debris.

For more detail instruction on the use of PreTox 2000

Demo see **Guidelines**
Product Use

Safety Precautions

PreTox 2000 Demo contains combustible solvents. Ensure that adequate ventilation and personal protective equipment compatible with solvent coatings is used during application and curing.

PreTox 2000 Demolition

Description:

PreTox 2000 Demolition is a unique, liquid, over coating designed to minimize leachable lead levels in lead based paint covered construction and demolition waste. Designed to be applied as a thick (20-80 mil) over coating to a surface prior to removal. After complete drying, the component covered with PreTox 2000 Demolition is removed and disposed of. PreTox 2000 Demolition stabilizes lead in the waste, rendering it non-hazardous for disposal.

Storage:

PreTox 2000 Demolition in liquid form is combustible. Keep away from heat, sparks and flame.

Surface Preparation:

PreTox 2000 Demolition requires no surface preparation. PreTox 2000 Demolition will adhere to a surface that is ready for coating removal operations.

Mixing:

Some product settling is likely. Storing can upside down for 24 hours prior to use may facilitate mixing. Stir each can of PreTox 2000 Demolition thoroughly using either a hand paddle or mechanical mixing bar, such as a jiffy mixer, to ensure complete homogenization before application. If settlement is heavy because of long storage, pour off liquid and reintroduce to the settlement gradually while mixing. Product will then be ready for use. IT IS IMPORTANT TO THOROUGHLY MIX PRETOX 2000 DEMOLITION PRIOR TO USE TO ENSURE PROPER PERFORMANCE.

Application:

PreTox 2000 Demolition may be applied by a variety of techniques, including brush, roller, and spray (airless or conventional). When using an airless sprayer, it is important to either remove pump and spray gun filters or to use a 20 mesh filter or larger. The minimum recommended spray tip size is .045. A .045 to .050 tip should be optimum with a fan suited for each particular job, ie: .445 for narrow substrates, .645 for broad substrates.

An application of 40 mils (wet) will be adequate for most uses. Application cost can be optimized by using the Application Optimization Procedure (see below).

PROPER APPLICATION AMOUNT CAN ONLY BE CONFIRMED THROUGH USE OF TCLP TESTS. NEXTEC, INC. RECOMMENDS THAT TCLP TESTS BE CONDUCTED BEFORE PRETOX 2000 DEMOLITION IS USED TO DETERMINE APPROPRIATE APPLICATION RATE. NEXTEC, INC. ALSO RECOMMENDS THAT TCLP TESTS BE CONDUCTED BEFORE DISPOSING OF ANY RESIDUE AS NON-HAZARDOUS WASTE AND FOLLOWING ALL FEDERAL AND LOCAL WASTE DISPOSAL REGULATIONS.

Ventilation:

ENSURE ADEQUATE VENTILATION OF SOLVENT VAPORS.

Drying:

Dry time will vary with application technique, film thickness and environmental conditions (particularly temperature). PreTox 2000 Demolition is a lacquer based coating and dries solely by solvent evaporation. Spraying PreTox 2000 Demolition will result in faster drying than will spreading techniques such as brush or roller.

Coverage:

Coverage of PreTox 2000 Demolition is approximately 20 to 160 sq. ft./gallon, depending on application rate. Average coverage is 40 sq. ft./gallon. Waste, spillage, over spray, etc. may reduce practical

coverage rates. Always figure coverage based on wet mils (100% solids).

Thinning:

THINNING IS NOT RECOMMENDED. However, when necessary PreTox 2000 Demolition may be thinned using small amounts of mineral spirits. PreTox 2000 Demolition is readily removable from tools, application equipment, etc., with the same solvent used for thinning. Aromatic hydrocarbons such as xylene, toluene and aromatic naphtha may give faster clean-up of dried material.

NOTE SHOULD BE MADE THAT WHILE THE VOC LEVELS OF THE PRODUCT ARE WITHIN THE REGULATORY GUIDELINES, OVER THINNING MAY RAISE VOC CONTENTS TO ABOVE REGULATORY LEVELS, REDUCING PRODUCT EFFECTIVENESS AND PROLONG DRYING TIMES.

Removal:

PreTox 2000 Demolition is designed to be adhesive and remain intact with the component being removed for demolition. Do not remove PreTox 2000 Demolition from component prior to disposal.

Note:

Effectiveness of PreTox 2000 Demolition depends upon the integration of PreTox 2000 Demolition with the paint residue. Only sufficient coating thickness of PreTox 2000 Demolition will ensure adequate control of lead leachability.

PRETOX 2000 DEMOLITION DOES NOT RENDER OLD PAINT NON-TOXIC, IT REDUCES THE LEACHABILITY OF THE PAINT RESIDUE. PRETOX 2000 DEMOLITION DOES NOT ELIMINATE THE NEED FOR CONTAINMENT OR PERSONAL PROTECTIVE EQUIPMENT DURING THE DEMOLITION PROCESS.

Application optimization:

By obtaining a control sample and testing PreTox application rates prior to starting a project, the application of PreTox can be optimized. The following represents an example of the optimization procedure when using PreTox 2000 Demolition:

1. Locate four (4) areas that can be segregated from each other so that independent samples can be collected. Area should be large enough to generate enough waste for a TCLP test, typically 300 grams. For abrasive blasting, four square feet is usually adequate.
2. Leave one (1) test area free of a PreTox coating. Cover each succeeding area with 20, 40, and 60 wet mils, respectively.
3. Allow to dry thoroughly.
4. Remove a sample of component from each test area. Collect each independent sample following EPA or ASTM sampling protocol for component waste and send to an accredited lab for TCLP testing.
5. When test results are received, choose the application rate that achieved a BDL (Below Detectable Limits) result and add five (5) wet mils. This will be the recommended, optimum application rate.

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APPLY TO PRODUCTS OR ANY PART THEREOF WHICH HAS BEEN SUBJECT TO FREEZING, EXCESSIVE HEAT, DILUTION, IMPROPER MIXING, IMPROPER STORAGE, OR IMPROPER APPLICATION