

# **ChemMasters**

## **Installation Guidelines**

**1207 Non-Methylene Chloride Stripper is a non-toxic, biodegradable sealer and coating stripper for concrete, masonry, wood and metal surfaces. This proprietary blend is extremely effective in removing aged curing and sealing compounds, acrylic or alkyd coatings, varnish and paint.**

### 1.0 General

#### 1.1 Scope

This specification covers the performance characteristics and application procedures for providing a non-toxic, biodegradable sealer and coating stripper for concrete, masonry, wood and metal surfaces. This proprietary blend is extremely effective in removing aged curing and sealing compounds, acrylic or alkyd coatings, varnish and paint.

#### 1.2 Material Description

The material shall be a non-toxic, biodegradable sealer and coating stripper for concrete, masonry, wood and metal surfaces. It should have a pleasant citrus odor for interior applications, be highly reactive for rapid removal of most common sealers, water rinsable to eliminate the need for scraping by hand, and have the ability to lift build up of several layers in one application.

#### 1.3 Typical Applications

- A. Exterior or interior, horizontal or vertical surfaces
- B. Suitable for use on concrete, masonry, wood and metal
- C. Removal of curing and sealing compounds, paints, varnish, acrylic or alkyd coatings
- D. Prepares surface for subsequent application of sealers or paints

#### 1.4 Limitations

- A. Do not use in the presence of foodstuffs or other materials likely to absorb odor
- B. Cover and protect any materials or equipment that might be damaged by contact
- C. Always wear recommended protective clothing. Use a respirator when working in confined or inadequately ventilated areas
- D. Apply to thoroughly dry surfaces for optimum reactivity
- E. 1207 Non-Methylene Chloride Stripper is not governed by any special disposal requirements but the residue created in the removal process must be properly contained according to prevailing local and federal ordinances. Consult project specifications or local EPA before disposing of spent materials.

### 1.5 Quality Assurance

The repair contractor shall have experience and proficiency specific to the repair type and shall be approved by the engineer and the material supplier. The material supplier shall provide job service as required to assure proper handling and installation of materials. The field representative shall instruct as needed to assure that handling, mixing, placing and finishing of materials are in accordance with specifications.

### 1.6 Delivery, Storage and Handling

The product shall be delivered in the original, unopened containers. It shall be labeled with the manufacturer's name, product name and lot number. Materials should be stored at the job site under dry conditions and at a temperature of 40° F., (4° C.) to 90° F. (32° C.).

### 1.7 Environmental Requirements

All materials used for the repair work shall be VOC compliant. The manufacturer shall supply the appropriate material safety data sheets upon request.

## 2.0 Materials

### 2.1 Approved Materials and Manufacturers

#### 2.1.1 Product Standard

1207 Non-Methylene Chloride Stripper, as manufactured by ChemMasters, 300 Edwards Street, Madison, Ohio, 44057-3112, 1-800-486-7866, is considered to conform to the requirements of this specification and shall be the stripper used. 1207 Non-Methylene Chloride Stripper is a non-toxic, biodegradable sealer and coating stripper for concrete, masonry, wood and metal surfaces. This proprietary blend is extremely effective in removing aged curing and sealing compounds, acrylic or alkyd coatings, varnish and paint.

#### 2.1.2 Substitutions

No submittals for substitutions will be accepted after the bid date. All submittals must be made in writing to the engineer with supporting technical data sheets and test data showing complete equivalent performance.

### 2.2 Packaging/Estimating/Coverage

#### 2.2.1 Packaging

1207 Non-Methylene Chloride Stripper is packaged in 5 U.S. gallon/18.7L steel pails, shipped 36 per pallet shrink wrapped.

#### 2.2.2 Estimating Guide

Coverage is dependent upon thickness and type of material to be removed. For estimating purposes, the average coverage for a single application is 50 Ft.<sup>2</sup> per gallon/1.25 M<sup>2</sup> per liter.

### 2.3 Storage:

Store pails in cool, dry area away from sunlight and sources of heat. Shelf life of unopened containers is two years from date of manufacture.

### 2.4 Engineering Properties

2.4.1 Color: Straw

2.4.2 Application Temperature: 33-95° F 1-35° C.

2.4.3 Fragrance: Citrus

2.4.4 Viscosity: 200 cps

2.4.5 Flash Point: 205° F/96° C. C.O.C.

2.4.6 Freeze/Thaw Stability: 3 cycles

2.4.7 Stability: 2 years in unopened container

2.5 Accessory Materials as manufactured by ChemMasters, 300 Edwards Street, Madison, Ohio, 44057-3112, 1-800-486-7866, is considered to conform to the requirements of this specification.

### 3.0 Execution

#### 3.1 References

A. Meets the requirements of the U.S.D.A. for use in federally inspected meat and poultry plants. Classification C-3 as a paint remover in non-processing areas.

B. Refer to ChemMasters MSDS and Technical Data Sheets

#### 3.2 Recommended Equipment

A. Solvent resistant lambs wool roller and rubber squeegee with long handles

B. Eye protection with splash guards, impervious gloves and rubber boots are strongly advised

C. Wire brush, stiff bristle broom or mechanical scrubber, wet/dry vacuum

D. Metal drum or other steel container to hold spent residue for proper disposal

#### 3.3 Directions

- A. Cover and protect any materials or equipment that might be damaged by contact. Remove any foodstuffs or materials which might absorb odors.
- B. Surface Preparation: Surfaces to be treated must be free of any oil, grease, tar or other surface deposits.
- C. ChemMasters recommends the use of 1201 Citrus Cleaner Degreaser or 1202 Heavy Duty Cleaner/Degreaser to clean surfaces prior to applying 1207.
- D. Thoroughly wash and rinse surfaces as directed on individual data sheets, vacuum residue and allow surface to dry completely before beginning stripping operation.

#### 3.4 Application:

- A. Apply a coat of 1207 Non-Methylene Chloride Stripper with a lambs wool applicator maintaining an approximate coverage rate of 50 Ft.<sup>2</sup> per gallon/1.25 M<sup>2</sup> per liter. For ease of application and removal, apply 1207 in narrow strips 3 feet/1 meter wide, not to exceed a comfortable reach with available tools.
- B. Allow 1207 Non-Methylene Chloride Stripper to dwell on surface for 5-10 minutes. Do not allow material to dry on surface.
- C. A visible wrinkling of the coating or sealer will be observed. When this pattern is uniform over entire treated surface, sprinkle with warm to hot water and begin scrubbing with wire brush or mechanical scrubber equipped with wire brushes to further loosen residue from surface.
- D. Squeegee residue to side or vacuum and contain in metal drum, pail or other suitable container. 1207 Non-Methylene Chloride Stripper is not governed by any special disposal requirements but the substances removed from treated surfaces may contain controlled components.
- E. Consult project specifications or local EPA before disposing of spent materials. Any sealer, paint or coating remaining on surface after initial effort may be treated again for complete removal.

#### 3.5 Clean-up

- A. Scrub treated surfaces with 1201 Citrus Cleaner Degreaser or 1202 Heavy Duty Cleaner/Degreaser diluted 10:1 with clean water. This final washing neutralizes any un-reacted stripper and removes any residue of sealer, coating or paint.
- B. Use a stiff bristle brush or mechanical scrubber for best results.
- C. Allow surface to dry thoroughly prior to applying any subsequent coatings or sealers.
- D. Clean tools and equipment before materials dry and harden with warm water and detergent. Mechanical removal may be necessary if materials have dried hard.