

ChemMasters

Installation Guidelines

1203 Emulsifiable Solvent Cleaner is a heavy duty cleaner for concrete and masonry surfaces. It is specially formulated to dissolve grease, oil, tar, tire marks and solvent based curing compounds.

1.0 General

1.1 Scope

This specification covers the performance characteristics and application procedures for a heavy duty cleaner for concrete and masonry surfaces. It is specially formulated to dissolve grease, oil, tar, tire marks and solvent based curing compounds.

1.2 Material Description

The material shall be a heavy duty cleaner for concrete and masonry surfaces. It should quickly remove built up deposits of oil, grease, tar and tile adhesives, soften and lift old curing and sealing compounds for removal prior to recoating, penetrate and loosen hydrocarbon contaminants for economical cleaning and removal.

1.3 Typical Applications

- A. Horizontal or vertical, exterior or well ventilated interior concrete and masonry surfaces
- B. Removal of hydrocarbon based contaminants on sealed or unsealed surfaces
- C. Garages, driveways, vehicular repair facilities, machine shops, manufacturing plants, loading dock areas
- D. Removal of aged, solvent based curing compounds and sealers
- E. Cleans floors and walls of printing inks, packaging glues and solvent based tile or carpet adhesives

1.4 Limitations

- A. Care must be taken when using 1203 Emulsifiable Solvent Cleaner on sealed or coated surfaces. Product may soften and lift sealers
- B. Do not use on resilient tile or substrates other than concrete or masonry without applying a small test area. Product may soften or discolor other types of materials
- C. To remove dark tire marks from sealed or unsealed surfaces, use ChemMasters' SkidDaddle.

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

1203 Emulsifiable Solvent Cleaner, 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 cleaner used. 1203 Emulsifiable Solvent Cleaner is a heavy duty cleaner for concrete and masonry surfaces. It is specially formulated to dissolve grease, oil, tar, tire marks and solvent based curing compounds.

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

A. 1203 Emulsifiable Solvent Cleaner is packaged in 5 U.S. gallon/18.7 Liter pails, shipped 36 per pallet shrink wrapped.

B. 1201 Citrus Cleaner Degreaser or 1202 Heavy Duty Cleaner/Degreaser must be used to clean surfaces following treatment with 1203.

2.3 Storage:

Store pails in cool, dry area away from sunlight and sources of heat. Shelf life is one year from date of manufacture.

2.4 Engineering Properties

2.4.1 Color Light Amber

2.4.2 Fragrance: Aromatic hydrocarbon

2.4.3 Appearance: Thin Clear Liquid

2.4.4 Viscosity: Water thin

2.4.5 Specific Gravity: 0.89

2.4.6 Oven Stability: Passes

2.4.7 Freeze/Thaw Stability: 3 cycles

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 K-1
- B. Refer to ChemMasters MSDS and Technical Data Sheets

3.2 Surface Preparation

Vacuum or sweep to remove any loose dirt, dust or debris. Use with adequate ventilation.

3.3 Unsealed Surfaces:

- A. Do not dilute 1203 with either water or solvents.
- B. Apply 1203 with mop or sprinkling can and allow to dwell for 5 minutes to loosen contaminants.
- C. Scrub with stiff bristle or wire brush or broom. Do not allow 1203 to dry on floor. Add more material if required.
- D. Dilute either 1201 Citrus Cleaner Degreaser or 1202 Heavy Duty Cleaner/Degreaser by volume 8:1 with clean water. Work 1201 or 1202 into surface treated with 1203 with brush or broom.
- E. Rinse twice with copious amounts of clean, potable water.

3.4 Sealed Surfaces:

- A. Use caution if using 1203 as a cleaner only, undiluted material will soften most sealers and curing compounds.
- B. Dilute 1:1 with water and scrub and rinse as stated above.
- C. If removal of sealing membrane is desired, apply 1203 Emulsifiable Solvent Cleaner full strength and allow to dwell for full 5 minutes.
- D. Scrub area with 1201 or 1202 as directed above and rinse well two to three times.
- E. Some sealers may require additional application of 1203 and 1201 or 1202 for complete removal of contaminants. Rinse well with clean water and allow to dry.

3.3 Clean-up

Rinse tools and equipment with xylene, xylol or mineral spirits.