

# Maintenance Guidelines

## StaticSmart™ ESD Epoxy Flooring

### Normal Cleaning Procedures

Julie Industries, Inc. StaticSmart™ ESD Polymeric Flooring does not require special maintenance beyond normal cleaning and housekeeping. Normal cleaning procedures include sweeping, mopping, hot water washdown, high pressure (>1500 psi) power washing, and scrubbing machines. Detergents and caustic cleaning solutions suitable for the clean up of the dirt or soil conditions may be used as needed. If you are not sure of the chemical make-up of a particular cleaner, test a small amount on an inconspicuous area of the floor. Typically citrus based cleaners that do not leave a residue are best. **NOTE: the floor should not be cleaned with any type of cleaner or water 5 to 7 days after installation so the resins can fully cure.**

### Products and Procedures

Julie Industries, Inc. recommends the use of the following approved cleaning products:

- **Rust-Oleum Industrial Pure Strength™ Cleaner Degreaser #3599**
- **S. C. Johnson & Sons Breakup™, J-Shop, or equal Penetone Powercleaner 155.**

Use all cleaners in accordance with the manufacturer's instructions. Take all due precautions when using any cleaning product as floor surfaces may become extremely slippery.

As previously stated, all washing (even with plain water) should be avoided for five days after application (>70° F). Contact with water prior to this time may result in surface dulling or color change. Mechanical floor scrubbers may be used as required. On Julie Industries, Inc. StaticSmart™ ESD Polymeric Flooring, 3M ScotchBrite™ white pads are recommended. Do not use pads more aggressive than green. Test pads in an inconspicuous area of the floor before use.

Some contaminants such as acids and some solvents may discolor the surface of the floor without causing damage to the floor itself. For spot cleaning with solvent, use xylene (xylol) or isopropyl alcohol (IPA). Do not use any solvent in the vicinity of open flame, open lights or spark producing equipment. Do not use waxes or acrylic floor finishes or dust mop treatments.

### Flooring Repair Procedures

#### Surface Scratch Repair

To repair the Static Smart™ ESD Quartz System flooring system you will require the following materials:

- A. StaticSmart ESD Quartz System surface scratch repair kit; this contains two quart containers of StaticSmart ESD Quartz Sealer and a one-gallon mixing pail and a paint stirrer. Each repair kit provides enough material to cover a sixty square foot area.
- B. A paint brush or mohair roller.

#### Floor Preparation

1. Rough up the entire surface to be coated with 60 grit sandpaper.
2. Sweep or vacuum up the dust and then apply an alcohol wipe.

### Installation

1. Pour and mix the A & B can of the StaticSmart ESD Quartz Sealer into the one gallon pail. Stir thoroughly for one minute. **NOTE: the pot life once the material is mixed is fifteen minutes**
2. Apply one very thin coat of StaticSmart ESD Quartz Sealer with a paint brush or mohair roller.
3. Allow eight hours for sealer to dry.

### Deep Scratch/Gouge Repair

To repair the Static Smart™ ESD Quartz System flooring system will require the following materials.

- A. StaticSmart ESD Quartz System deep scratch repair kit; this contains three different materials. The kit consists of StaticSmart ESD Quartz System base coat, Static Smart™ ESD Quartz System aggregate, and two kits of StaticSmart ESD Quartz System Sealer coat. Both the base coat and sealer coat contain 1 gallon containers of Part A and 1 quart containers of Part B. The StaticSmart ESD Quartz System Sealer coat actually contains 4 separate containers (2 Part A and 2 Part B) enough to apply two coats and throw away the excess. Each repair kit provides enough material to cover approximately a sixty square foot area.
- B. A paint brush or mohair roller.

### Floor Prep

1. Rough up the entire surface to be coated with 60 grit sand paper.
2. Sweep or vacuum up the dust and then apply an alcohol wipe.

### Installation

1. Pour and mix the Part B can of the StaticSmart ESD Quartz System base coat (primer) into the one gallon pail (Part A). Stir thoroughly for one minute. **NOTE: The pot life once the material is mixed is fifteen minutes**
2. Apply one coat of StaticSmart ESD Quartz System base coat with a paint brush or mohair roller. Once rolled out immediately go to step three.
3. Sprinkle StaticSmart ESD Quartz System Aggregate (in excess) into the wet base coat. Completely white out all the base coat - come back in 15 minutes to make sure the base coat is fully covered. Wait 8 hours for full cure.
4. Sweep off excess aggregate and apply one or two coats of Static Smart™ ESD Quartz System sealer to finish the surface to the desired texture. Allow 6 hours between coats.

### Questions/Assistance

For questions or assistance, please contact Julie Industries Customer Service at 978-988-8802, Monday-Friday between 8:30 am and 5:00 pm EST.