

# Shock Shield

## Extended Protection, Anti-Static Carpet, Upholstery, Fibers and Plastics Treatment

Shock Shield is a low VOC, water based, neutral pH, anti-static coating, formulated with a blend of polymers, non-ionic surfactants and a proprietary anti-static additive.

Shock Shield chemically bonds to carpet, upholstery, natural and synthetic fibers, films, paints and plastics including PET, PETG, PVC, polycarbonates, polypropylene and more to provide long term anti-static properties. Shock Shield is ideal for application to carpet, plastic parts, electronic housings, bins, shelving, bench laminates and more. Shock Shield prevents static accumulation and meets ANSI/ESD S20.20 standards for static dissipation.



## APPLICATION & MAINTENANCE

Vacuum the carpet or upholstery to remove loose dirt and soils. Carpet should be clean and free of soils or stains prior to applying Shock Shield.

Extraction cleaning with Shock Stop prior to application and as a maintenance and extraction cleaning product after application will improve the performance of Shock Shield.

To make carpet, upholstery or fabrics anti-static, apply Shock Shield full strength using a sprayer or sponge. Thoroughly wet carpet, upholstery or fabric. Longest term protection for carpet will be achieved by wetting through to the carpet backing. Allow application area to dry thoroughly. The use floor dryers, blowers or fans will assist in drying carpet or fabrics more quickly. Treated carpet should display resistivity readings of between  $10^7$  and  $10^9$  Ohms/M<sup>2</sup> @ 100 Volts.

For use to treat nuisance static on carpets, upholstery or fabrics Shock Shield can be diluted 8 ounces per gallon of clean, cold water and applied topically using a trigger or pressurized sprayer. Apply Shock Shield at a coverage of approximately 1000 ft<sup>2</sup> per gallon of diluted treatment.

**NOTE:** to obtain maximum longevity of anti-static characteristics avoid cleaning treated carpet or fabrics with products that have a pH of greater than 11.

## SPECIFICATIONS

Active Ingredients	Polymers
	Non-Ionic Surfactants
	Anti-Static Compound
Electrostatic Decay Time	0.01 Seconds
pH	6 +/-0.5
Surface Resistivity:	$10^7$ - $10^9$ Ohms/M <sup>2</sup> per S20.20 2007 @ 100V
Free Ammonia	None
Free Alkali	None
Free Acid	None
Phosphates	None
Abrasives	None
Color	Milky
Odor	Mild Detergent
Solubility in Water	100%
Freeze/Thaw Stability	Minimum 3 cycles
Shelf Life	1 year minimum
Flash Point	None
Weight Per Gallon	8.3
Biodegradable	Yes
Soil Suspension	Good
VOC Content	80 grams/liter

## SAFETY INFORMATION

Health	1
Flammability	0
Reactivity	0
Personal Protection	B

### Read Safety Data Sheet thoroughly before using.

Contains Dipropylene Glycol Monomethyl Ether CAS# 34590-94-8. May cause irritation in undiluted concentrations. Safety glasses and gloves should be worn during application and handling. If ingested, drink 1 or 2 glasses of milk or water. Contact a physician immediately. In the event of eye contact, flush area with water for 15 minutes. Consult with a physician. In the event of skin contact, flush the effected area thoroughly with water. If irritation occurs contact a physician.