

ElectraThane Data Sheet & Specifications

Permanent, Medium Gloss Anti-Static Sealer or use with ElectraGuard, standard epoxy and many other hard surface flooring materials.



ElectraThane application using our lint free high speed sealer / wax applicator system.

ElectraThane is a clear (non-pigmented) static control Urethane containing a proprietary formulation that renders the finished product static dissipative. This unique formulation provides outstanding static control properties and superior static charge decay in concert with *exceptional* wear resistance.

ElectraThane is suitable for use on ElectraGuard ESD Epoxy and may also be used for elimination of nuisance static generation encountered with Garland and Stonehard standard thick set epoxy and

many other hard surface flooring materials. ElectraThane provides outstanding longevity and wear resistance.

Some thick set epoxy floors will cause the generation of a tremendous amount of static with foot traffic and rolling loads. ElectraThane controls this static generation by microscopically altering the topical profile of the epoxy while adding static dissipating electrical conductivity. The results are impressive.

ElectraThane is designed for mop on applications. ElectraThane may be successfully top coated with a thin single coat of ElectraGlaze ESD Floor finish. Two coats are recommended as part of the ElectraGuard ESD High Gloss Epoxy System. Three to Six coats are recommended when used over standard non-conductive flooring. ElectraThane has a fresh clean low odor and features excellent recoatability.



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PHYSICAL SPECIFICATIONS:

Nonvolatile Solids	20 +
Total Active / pH	26% / 8.4 to 9.0
Anti-Static Properties when applied to standard Tiles, ElectraGuard Non Conductive (NC) standard epoxy and other hard surface flooring.	5,000 to < 500 @ <.9 sec, technician in heel grounders (50%RH). <1.0E10 PTP per ANSI ESD S7.1
Static Dissipation / Anti-Static Properties when applied to ElectraGuard Conductive.	5,000 to < 500 @ < 1.2 Seconds (23 %RH). <1.0E10 PTP per ANSI ESD S7.1
Gloss 60	80+ @ 3 coats
Color	Translucent white
Weight Per Gallon	9.8 pounds
Slip Resistance (ASTM)	0.65 Minimum
Stability	2 year minimum at room temperature
Freeze/Thaw Stability	3 cycles minimum
Drying Time	60-90 minutes
Chemical Resistance	Good
Gallon Coverage (Feet 2)	1500 - 2000
Removability (Gardner)	75 cycles maximum
This material is not a hazardous mixture, as defined in 29 CFR 1919, 1200 and M.G.L. c. 111F. Safety glasses and gloves should be worn during application and handling. If ingested drink milk, water, or fruit juice and induce vomiting with oil of ipecac. In the event of eye contact flush area with water for 15 minutes. Contact a Physician. For detailed information consult MSDS sheet	

Shelf life: 2 years from date of order if stored in unopened containers, indoors, out of sunlight and in a climate controlled environment of between 60 and 80 Deg. F.

Revision history:

Original release: 02/10/19SRC

Revised to add shelf life, checked for accuracy: 11/29/22 SRC

Revised to add new results of charge decay: 5.4.23 SRC