



# Licron Crystal ESD-Safe Coating

## 1756

Techspray's ESD-safe products can help maintain work areas within the ANSI/ESDS20.20 standards set by the ESD Association ([www.esda.com](http://www.esda.com)).



In a static-free environment, the work area, tools and personnel form a circuit (see diagram to right). Electrostatic Discharge (ESD) occurs when the charges of two surfaces with a large electronic potential (difference) equalize instantaneously. The resulting discharge or spark can cause catastrophic or latent damage to electronic components.

ESD programs maintain an equal potential by maintaining continuous contact with ground, avoiding ESD damage. Cleaners, lotions, and coatings are an integral part of an ESD control program.

### Permanent, clear ESD-safe coating

Versatile, crystal clear urethane coating that adheres to metal, plastic, and most other surfaces. Ideal for converting standard bumpers, bins, tools, and surfaces to ESDsafe, saving expensive replacement cost. The end result is compliant with ANSI/ESDS20.20, which prevents static damage to sensitive electronic components.



- Rugged static dissipative coating
- Surface Resistivity of  $10^6$  To  $10^9$  ohms
- Non-ozone depleting
- Operating temperature range – up to 302°F (155°C)
- Humidity independent
- Superior adhesion to variety of surfaces: glass, plastic, etc.

### Product Packaging

1756-8S  
Licron Crystal ESD-Safe Coating  
8 oz  
12 units/case



1756-G  
Licron Crystal ESD-Safe Coating  
1 gal  
1 units/case



### Instructions

Licron Crystal can be sprayed using standard spray guns or paint systems (test compatibility on seals and other plastic or rubber components). A grounding wire can then be attached (i.e. by conductive adhesive) similar to an ESD floor.

Chemical & Physical Properties	
Appearance	Dark blue liquid
Odor	Alcohol odor
Flash Point	22.2°C (72°F)
VOC (EPA)	57%
VOC (CARB)	57%
Boiling Point	80°C (176°F)
Density	0.91 - 0.94 at 25°C





## Chemical Composition

CHEMICAL NAME	CAS #
2-Propanol	67-63-0
1-Butanol	71-36-3
Polymer, Proprietary	75-52-5
Nitromethane	67-56-1
Methanol	74-98-6
Propane (aerosol only)	106-97-8
N-Butane (aerosol only)	
Includes other hazardous components in non-reportable quantities	

## Environmental Policy

Techspray is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

## Resources

Techspray products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray products in the United States, call the technical sales department at 800-858-4043, email [tsales@techspray.com](mailto:tsales@techspray.com) or visit our web site at: [www.techspray.com](http://www.techspray.com).

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### Countries Outside US

Call to locate a distributor in your country

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