

# S-SERIES **DeoxIT<sup>®</sup>** Shield

**Maximize System Performance  
for Severe Environments!™**

**PRODUCT**

*Info*

## **Lubricant & Protectant for Better Metal Electronic Connections & Contacts.**

- ▶ Improves Conductivity
- ▶ Lubricates & Preserves
- ▶ Long-Lasting in Severe Environments
- ▶ Reduces Intermittent Connections
- ▶ Works on Stationary & Moving Contacts and Connections
- ▶ Stabilizes Connections Between Similar and Dissimilar Metals
- ▶ Reduces Arcing & RFI
- ▶ Reduces Wear & Abrasion
- ▶ Temperature Range:  
-34°C to 210°C



**Cleaner Audio | Clearer Video | Reliable Data  
| Maximize Performance**

**DeoxIT<sup>®</sup> Shield S-Series** seals, lubricates and preserves metal surfaces for protection from oxidation and contamination.

*Ideal for severe environments (water, salt, pollution) and outdoor exposure.*

For use on clean/new surfaces or those pre-cleaned with DeoxIT<sup>®</sup> D-Series contact cleaner.



**DeoxIT<sup>®</sup> Products . . .  
used by those who demand the best!**

|                    |                  |                    |                |
|--------------------|------------------|--------------------|----------------|
| Boeing             | General Electric | McIntosh Labs      | Switchcraft    |
| Daktronics         | Hewlett-Packard  | Motorola           | Tektronix      |
| Diebold Inc.       | Honeywell        | Nokia              | Union Pacific  |
| Dolby Laboratories | Intel            | Philips Healthcare | Wayne-Dresser  |
| Dover Elevator     | John Deere       | Rane Corp.         | Xerox Corp.    |
| Federal Express    | Logitech         | Roland             | and many more! |



Home of the DeoxIT<sup>®</sup> family of  
Environmentally-Safer Contact Cleaners and  
Connector Enhancing Treatments  
Made in USA



Audio/Video



Computers



Automotive



Communications



Marine



Electrical



Energy



Photography



Security



Medical



Avionics

DeoxIT® Shield S-Series is recommended for NEW metal surfaces, usually in the manufacturing process. It is also ideal where high degrees of pollution (sulfur, salts, acids, etc.) are present. DeoxIT® Shield should be applied to a clean surface, after using DeoxIT® contact cleaner or other cleaning method. For reference, DeoxIT® Shield has 0% cleaning action.

Step one, pre-clean surface using DeoxIT® D-Series contact cleaner or other cleaning methods (ultrasonics). Any contacts and connectors that conduct electricity are candidates. DeoxIT® cleans the surface, removes oxidation & sulfides, and leaves a light, microscopic layer of protection. Refer to Bulletin C-D100.

Step two involves applying either DeoxIT® Gold G-Series or DeoxIT® Shield S-Series. Both are companion products to DeoxIT®, and add longer lasting protection. The determining factor in the selection of DeoxIT® Gold or DeoxIT® Shield, is the environment to which the contact and connector will be exposed. For most indoor uses, DeoxIT® Gold is the product of choice. DeoxIT® Gold not only keeps your contacts and connectors in excellent condition, it improves their performance. It is ideal for gold plated surfaces. For "harsh environments" (eg. pollutants, salt air, high humidity, outdoor use, extreme temperatures, etc.) use DeoxIT® Shield. DeoxIT® Shield provides maximum protection for your metal contacts and connectors.

DeoxIT® Shield's unique properties allow it to work on stationary and moving contacts and connectors with similar or dissimilar metals. Even when a treated connector mates with an untreated one, DeoxIT® Shield will migrate and coat the other. When connectors are separated, DeoxIT® Shield will re-coat the exposed metal surfaces.

DeoxIT® Shield's advanced formula contains preservatives, conductivity enhancers, arcing and RFI inhibitors and anti-tarnishing compounds that significantly increase the performance and reliability of electrical components and equipment.

DeoxIT® Shield restores the contact's integrity and leaves a thin (organic) layer that coats and protects the metals. Special additives prevent the dissolved oxides from reattaching, keeping them in suspension and allowing them to be easily dispersed by the mechanical action of the contact.

## EASY AS 1 - 2 - 3

- ▶ **DeoxIT® D-Series, Contact Cleaner & Rejuvenator**  
*Bring Old Systems Back to Life™*
- ▶ **DeoxIT® Gold G-Series, Contact Conditioner & Protector**  
*Maximize New System Performance™*
- ▶ **DeoxIT® Shield S-Series, Contact Protector**  
*Maintain New System Performance for Severe Environments™*

## Applicators & Products:

**Standard Spray:** provides flushing action, flammable (until solvent evaporates). Plastic safe, 5% formula.

|                         |       |                |
|-------------------------|-------|----------------|
| DeoxIT® Shield S-Series | 142 g | Part No. S5S-6 |
|-------------------------|-------|----------------|

**NF Spray:** Quick dry - non drip, nonflammable. Plastic safe, 5% formula. Use when flushing dirt/grease from surface is not required.

|                         |       |                  |
|-------------------------|-------|------------------|
| DeoxIT® Shield S-Series | 40 g  | Part No. SN5S-2N |
| DeoxIT® Shield S-Series | 163 g | Part No. SN5S-6N |

**100% Spray:** Non drip, nonflammable. Plastic safe, 100% formula, metered one-shot spray. No solvents, precision application of DeoxIT®.

|                         |      |                  |
|-------------------------|------|------------------|
| DeoxIT® Shield S-Series | 57 g | Part No. S100S-2 |
|-------------------------|------|------------------|

**Wipes, Pens, Liquids** - Plastic safe, 100% DeoxIT® Shield no solvents.

|                                  |        |                     |
|----------------------------------|--------|---------------------|
| DeoxIT® Shield Wipes, individual | 50 ea  | Part No. K-S1W-50 * |
| DeoxIT® Shield Wipes, 50 pack    | 50 ea  | Part No. S50W       |
| DeoxIT® Shield Squeeze tube      | 2 mL   | Part No. S100L-2C   |
| DeoxIT® Shield Pen               | 6 mL   | Part No. S100P      |
| DeoxIT® Shield Oiler             | 6 mL   | Part No. S100L-P6C  |
| DeoxIT® Shield brush             | 7.4 mL | Part No. S100L-2DB  |
| DeoxIT® Shield Needle            | 25 mL  | Part No. S100L-25C  |

Bulk sizes available for manufacturers. \* Special order.

**5% Liquids** - 5% DeoxIT® Shield, 95% Solvent

For production applications that require a light (5%) coating of DeoxIT® Gold flammable (until solvent evaporates), VOC and RoHS Compliant.

|                          |        |                  |
|--------------------------|--------|------------------|
| DeoxIT® Shield Container | 118 mL | Part No. S5L-4A  |
| DeoxIT® Shield Container | 354 mL | Part No. S5L-12A |
| DeoxIT® Shield Container | 944 mL | Part No. S5L-32A |

## VOC and RoHS Compliant

### 1000+ Uses

Home/Office/Shop/Industry

#### HOME:

Light Bulbs  
(brighter/less energy)  
Batteries and Re-chargers  
Emergency Lights  
Audio/Video connections

Computer/Automation  
Cable & Telephone connections  
Switches, Plugs & Sockets  
Pool Equipment connections  
Low Voltage Lighting connections  
Rechargeable Devices:  
Cordless phones, cell phones,  
PDAs, cameras, vacuums, etc.

#### OFFICE:

Computer connections:  
External and Internal  
Communication connections:  
Cable, telephone, faxes,  
modems  
Office Equipment connections  
Automation Equipment

#### SHOP:

Power Tool connections  
Rechargeable Devices:  
Drills, lights, screwdrivers,  
etc.  
All Electronic connections

Product Information Sheet  
C-S100, 7/2018



**CAIG Laboratories, Inc.**

12200 Thatcher Court, Poway, CA 92064 U.S.A.

P: 858/486-8388 | E: info@caig.com

WEB: www.caig.com | www.deoxit.com



**MADE IN USA**