

## DeoxIT® SHIELD S100L Liquid

### Contact and Connector Protector

**Part No.:** S100L

**Formulation:** 100% DeoxIT® SHIELD S100L  
Non-Flammable, Non-Hazardous  
(formerly PreservIT)



#### Container Size:

|            |      |                  |             |              |
|------------|------|------------------|-------------|--------------|
| S100-2C    | 100% | squeeze tube     | 2 mL        | nonflammable |
| S100P      | 100% | pen              | 6 mL        | nonflammable |
| S50W       | 100% | wipes            | 50 count    | nonflammable |
| K-S3W-75   | 100% | wipes            | 25, 3 packs | nonflammable |
| S100L-2DB  | 100% | brush            | 7.4 mL      | nonflammable |
| S100L-25C  | 100% | needle dispenser | 25 mL       | nonflammable |
| S100L-2    | 100% | bottle           | 59 mL       | nonflammable |
| S100L-12   | 100% | bottle           | 354 mL      | nonflammable |
| S100L-32   | 100% | bottle           | 944 mL      | nonflammable |
| S100L-32UV | 100% | bottle           | 944 mL      | nonflammable |

#### Product Description:

Contact lubricant and protectant for metal surfaces. Oxidation and corrosion deterrent. Improves conductivity, maintains optimum signal quality. DeoxIT® SHIELD also reduces wear and abrasion, arcing, RFI and intermittent connections and improves connector performance/reliability. Ideal for severe environments. On oxidized surfaces, pre-treat with DeoxIT® contact cleaner. Temperature range: -34 to +210°C.

#### Features/Benefits:

##### **100% Liquid - Safe on Plastics.**

DeoxIT® SHIELD S100L concentrate has 0.0% chemical cleaning action. Ideal for severe environments (humidity, salts, pollutants, sulfur, etc.) Excellent protection, good conductivity enhancing, excellent lubrication. Creates a long lasting barrier against oxidation and corrosion. No ozone depletion.

Reduces intermittent connections, arcing, RFI, wear and abrasion.

**Cleaner Audio - Clearer Video - Reliable Data.**

#### Other Applicators:

|            |    |             |         |              |
|------------|----|-------------|---------|--------------|
| S5S-6      | 5% | spray       | 142 g   | flammable    |
| S5MS-15    | 5% | mini-spray  | 14 g    | flammable    |
| SN5S-6N    | 5% | spray       | 163 g   | nonflammable |
| SN5MS-15   | 5% | mini-spray  | 14 g    | nonflammable |
| S5L (bulk) | 5% | bottle/drum | assort. | flammable    |

## DeoxIT® - Product Selection Guide

|                                   | DeoxIT®   | DeoxIT®<br>GOLD | DeoxIT®<br>GOLD 6x1 | DeoxIT®<br>GOLD 6x2 | DeoxIT®<br>SHIELD | DeoxIT®<br>FaderLube |
|-----------------------------------|-----------|-----------------|---------------------|---------------------|-------------------|----------------------|
| New Surfaces                      |           | ✓               | ✓                   | ✓                   | ✓                 | ✓                    |
| * In Service / Used               | ✓         |                 |                     |                     |                   | ✓                    |
| Gold surfaces                     |           | ✓               | ✓                   | ✓                   |                   |                      |
| Oxidation / corrosion visible     | ✓         |                 |                     |                     |                   |                      |
| Conductive plastics               |           |                 |                     |                     |                   | ✓                    |
| ** Outdoor / Severe environments  | ✓         |                 |                     |                     |                   | ✓                    |
| Deoxidizing / cleaning properties | 20%       | 0.1%            | 0.1%                | 0.0%                | 0.0%              | 0.0%                 |
| Metal / Plastic surfaces          | Yes       | Yes             | Yes                 | Yes                 | Yes               |                      |
| Plastics compatibility            | Excellent | Excellent       | Excellent           | Excellent           | Excellent         | Excellent            |
| Temperature range (°C)            | -34/200   | -45/240         | -45/310             | -45/500             | -34/210           | -26/150              |
| Stationary & moving surfaces      | Yes       | Yes             | Yes                 | Yes                 | Yes               | Yes                  |
| Seals & protects base metals      | Good      | Excellent       | Excellent           | Excellent           | Good              | No                   |

✓ All products are Nonflammable and RoHS Compliant

\* In Service: Clean with DeoxIT®, For added protection, follow with DeoxIT® GOLD (indoors), DeoxIT® SHIELD (outdoors) or DeoxIT® Grease (additional barrier).

\*\* Severe environments: Pre-clean with DeoxIT®, Follow with DeoxIT® SHIELD or DeoxIT® Grease.

## DeoxIT® - Spray Selection Guide

| Product Series  | FP | QD | NF | PC | VOC |
|---|----|----|----|----|-----|
| Standard - 5% solution  | ✓  |    |    | ✓  | 95  |
| D5S-6, D5MS-15, G5S-6, G5MS-15,<br>S5S-6, S5MS-15, F5S-6, F5MS-15 |    |    |    |    |     |
| N Series - 5% solution  |    | ✓  | ✓  | ✓  | 20  |
| DN5S-6N, DN5MS-15, GN5S-6N,<br>GN5MS-15, SN5S-6, SN5MS-15         |    |    |    |    |     |
| X Series - 5% solution  |    | ✓  | ✓  | ✓  | 20  |
| GX5S-6N   |    |    |    |    |     |
| 100 Series - 100% solution  |    |    | ✓  | ✓  | 0   |
| D100S-2, G100S-2, F100S-2   |    |    |    |    |     |

FP = Flushing properties QD = Quick dry / non drip NF = Nonflammable

PC = Plastics compatibility VOC = VOC (%)

## DeoxIT® Essential Reference:

**DeoxIT®** - Brings old systems back to life!

**DeoxIT® GOLD** - Maintains new system performance!

**DeoxIT® SHIELD** - Maintains new system performance  
for severe environments!

**Shipping Information:** Hazardous: None

## Other Information:

RoHS Compliant: YES

S100L MSDS Link: <http://store.caig.com/app/site/media/sitemedia.nl/id.1460/.f>

DeoxIT® SHIELD Product Sheet: <http://store.caig.com/app/site/media/sitemedia.nl/id.989/.f>

MentorCard Link: [http://www.caig.com/pdf/MentorCards\\_2006\\_av.pdf](http://www.caig.com/pdf/MentorCards_2006_av.pdf)

## MANUFACTURER DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, neither CAIG Laboratories, Inc., or any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. All materials may present unknown hazards and should be used with caution. In particular, improper use of our products and their inappropriate combination with other products and substances may produce harmful results which cannot be anticipated. Final determination of the suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that may exist. All service performed on internal parts and equipment should be provided by qualified technicians.

## Contact Information:



### Distributed by:

All-Spec Industries  
Wilmington, NC  
www.all-spec.com

800-537-0351 (phone)  
800-379-9903 (fax)  
sales@all-spec.com

