



## **PRO CHEM INC.**

### **Features and Benefits – ARMOR GUARD / Rubber Film Coating**

ARMOR GUARD is an elastomer rubber coating that is intended to be applied to electrical connections, circuit boards, and outdoor lighting to protect against moisture causing corrosion and shorting.

The product sprays on crystal clear and will virtually adhere to any substrate.

Once applied, ARMOR GUARD dries in 6-8 minutes at room temperature, to a clear rubber coating.

You will find that after application, it is not necessary to clean surrounding areas as ARMOR-GUARD leaves no traces that are cosmetically undesirable.

ARMOR GUARD remains in a rubberized state with elongation up to 500% to accommodate movement of substrate and also acts as a protective coating that will help eliminate loosening of connections due to vibration.

ARMOR GUARD is intended for use in areas not exposed to sunlight.

ARMOR GUARD will last up to 3 years and will not wear off unless exposed to harsh abrasion.

ARMOR GUARD is inert to salt, water, alkaline, pollutants, and some petroleum products.

To remove product from substrate paint thinner is recommended.

ARMOR GUARD'S formula also includes inhibitors to resist mold and mildew.

4 Mils of ARMOR GUARD has the dielectric properties to withstand 300 volts (ASTM-D-149).

Tensile strength PSI is 2500 / Hardness Shore A: 70A / Viscosity: 12,000 CPS

Coverage: 11 ounce aerosol can - approximately 60 square feet.

Temperature resistance for cured product is -30F to +200F.



## ARMOR GUARD F. A. Q.

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| Q | How long will it last?                  | A | 2 years indoors/indefinitely if concealed |
| Q | How many coats are required?            | A | 2 coats will provide 2 ml.                |
| Q | How long does it take to dry?           | A | 8 minutes at 70 degrees                   |
| Q | How long between coats?                 | A | 4-5 minutes                               |
| Q | Does it have an odor?                   | A | No, not once it has dried                 |
| Q | Is it flammable?                        | A | Yes, extremely in spray form              |
| Q | Is it toxic?                            | A | No more than spray paint                  |
| Q | Is it a Prop. 65 (cancer)?              | A | No  |
| Q | Can it be applied over paint?           | A | Yes, if paint is fully cured              |
| Q | How can it be removed?                  | A | Paint thinner                             |
| Q | What area will it cover?                | A | Approx. 60 sq ft with one coat            |
| Q | Can it be applied to circuit boards?    | A | Yes, wait 1 hour before activating        |
| Q | Can it be applied to live connections?  | A | No, wait 1 hour before power up           |
| Q | Is the product UL approved?             | A | No, there is no standard                  |
| Q | Will it discolor any surface?           | A | No, test area first if concerned          |
| Q | Can it be applied to Plastic?           | A | Yes, test area if concerned               |
| Q | Can it be applied to Wood?              | A | Yes                                       |
| Q | Temperature range after applied?        | A | -30 to 200F                               |
| Q | Can it be brush applied?                | A | Yes, as you would paint                   |
| Q | What is the shelf life of bulk product? | A | 2 years if sealed properly                |