

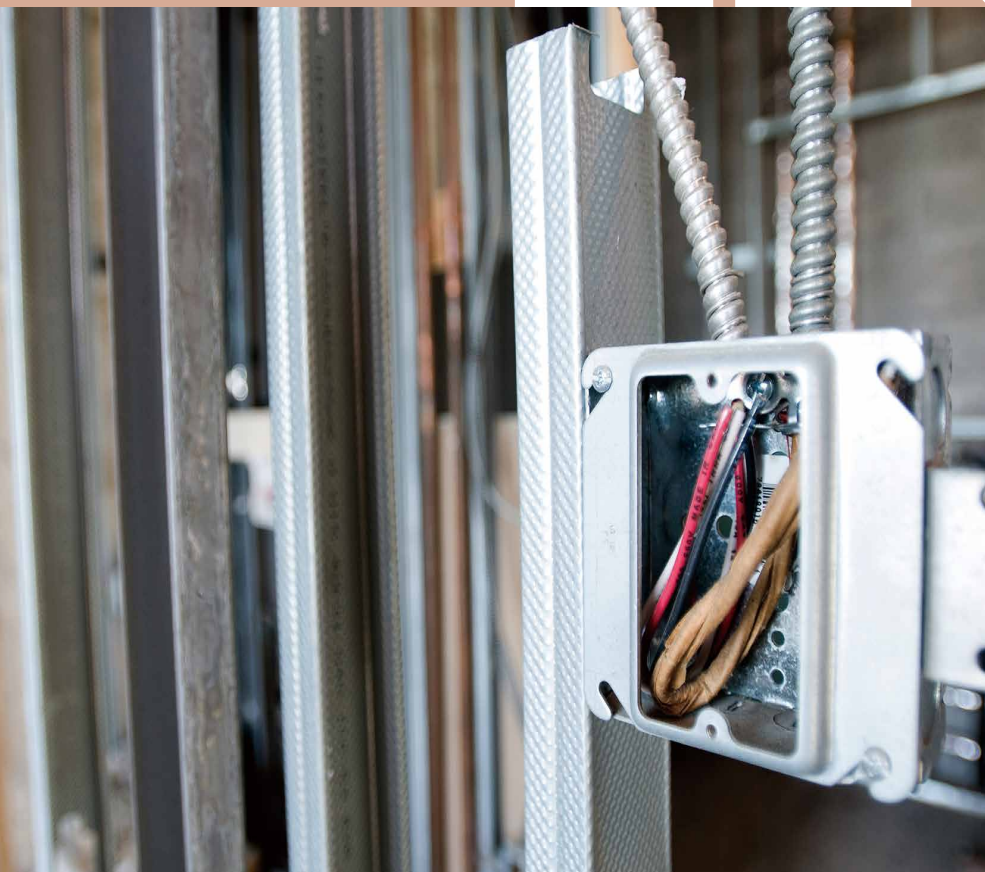


Industrial Chemicals
The Ultimate Choice

Z202R

High Dielectric Insulating Varnish

CORIUM Z202R



High Dielectric Insulating Varnish

- *Ultra high dielectric strength provides durable & flexible protection.*
- *Resists corrosion – seals out moisture, sunlight, alkalis & acids.*
- *Provides superior convenient – dries in just minutes.*

**TRUST
CORIUM
FOR**

*Ease of Application
Wide Versatility
Outstanding Physical
Properties*



TW
**PERFORMANCE
POLYMERS & FLUIDS®**



SPECIAL FEATURES

Corium Z202R Heavy Dielectric Insulating Varnish is the fast, convenient and economical way to insulate electrical and electronic parts and components with resilient, flexible and long-lasting protection.

- **Corium Z202R's** ultra high dielectric strength provides tough, durable and flexible protection.
- **Corium Z202R** offers an extremely high resistance to corrosion – it seals out damaging moisture, sunlight, alkalis and acids.
- **Corium Z202R** is quick and easy to apply – conveniently dries in just minutes.

OUTSTANDING PROPERTIES

Corium Z202R is the ultra high dielectric insulating varnish that :

- Is super fast drying – dry to the touch in just minutes. Re-coat in 5 to 10 minutes.
- Provides high dielectric properties for all high-frequency applications – up to 1400 volts per mil. dielectric strength.
- Is quality formulated for super flexibility – resists cracking even under extreme conditions.
- Protects your expensive and mission-critical equipment against corona discharge, arcing and high-voltage leaks.

USE FOR

Corium Z202R is the ultra high dielectric strength insulating varnish that coats, surrounds and protects electrical and electronic parts and components to extend the working life of equipment and promote increased power without failure.

Corium Z202R locks out moisture and guards against dangerous corona discharge, arching and high-voltage leaks. Just spray **Corium Z202R** onto wiring and parts for tough and durable high-voltage insulation. **Corium Z202R** positively will not crack under vibration as do ordinary aerosol insulation sprays.

Use **Corium Z202R** confidently on :

Printed Circuits • Diodes • Wiring • Motor Windings • Electric Contacts • Marine Engine Ignition & Wiring Systems • Automotive Electrical Systems • Telecommunications Systems • Outdoor Electrical/Electronic Equipment • and more ...

Z202R



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The Ultimate Choice

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The information contained in this publication is to the best of our knowledge and accurate at the time of issue in October, 2016

CORIUM Z202R High Dielectric Red Insulating Varnish

DESCRIPTION:

Corium Z202R is a fast, tough, durable method of insulating electrical devices of all types. It has the following qualities:

1. **High Dielectric Properties** for all high frequency applications. Serves well as an insulator in addition to sealing out moisture. Prevents shorting out of electrical and electronic equipment. Prevents deterioration of color coatings and safety markings.
2. **Fast Drying** it dries in minutes to touch and can be recoated in 5 to 10 minutes. Is self extinguishing in case of fire.
3. **High Corrosion Resistance** seals out moisture, sunlight, alkalis or acids and salt spray, also has excellent abrasion resistance.
4. **Use Corium Z202R for:**

Printed circuits	Protection of nuclear devices
Diodes	Electronics
Motor Housings	Automotive electrical systems
Instrumentation	Telecommunications systems
Marine engine ignition systems and wiring	

Corium Z202R protects against dangerous Corona discharge, arcing and high voltage leaks. Just spray on wiring and this product becomes a powerful high voltage insulator. Positively will not crack under vibration as other aerosol insulation sprays may do. Corium Z202R is a super seal that prevents trouble before it happens.

CPIM Z202R.1	Version 2.0	Revision 2.0	Rev. Date: 1 January, 2016	Reference: CKL
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	CORIUM Z202R
COLOUR	RED (Good Hiding Power)
DIELECTRIC STRENGTH V/MIL	1400
FLEXIBILITY	High
TACK FREE DRY	60 Minutes
DESIGN FEATURES	High quality general application.
HEAT RESISTANCE	More than 72 hrs. at 135°C (275°F)
ACID RESISTANCE	Concentrated 72 hrs.
OIL RESISTANCE	48 hrs. at 100°C (212°F)
WATER IMMERSION RESISTANCE	Over 100 hrs.
ALKALI RESISTANCE	100 hrs.
EFFECT ON PLASTICS	Pre-test to determine effect – some plastics may be softened or crazed by solvents.

	CORIUM Z202R
EFFECT ON VINYL, METAL, NYLON & PAINTED SURFACES	None
ABRASION RESISTANCE	Good
SPRAY PATTERN	Broad Fine Mist
COMPOSITION	Synthetic Alkyd Oxidizing Insulating Enamel
TOXICITY	Non-Toxic
INFLAMMABLE	Yes
STOREABILITY	1 Year
FLUORESCENCE	No

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CPIM Z202R.2	Version 2.0	Revision 2.0	Rev. Date: 1 January, 2016	Reference: CKL
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TYPICAL EQUIPMENT MAINTAINED BY CORIUM Z202R ELECTRONIC ELECTRICAL CHEMICAL INSULATORS

Switches	Hoists	Battery Terminals
Switch gear	Lift Trucks	Ignition Systems
Circuit Breakers	Panelboards	Headsets
Contractors	Blowers	Microphones
Fuses	Fans	Speakers
Fuse Holders	Signals	Tubes
Relays	Alarms	Radio/TV Electronic Controls
Solenoids	Controls	Tuners
Rectifiers	Recorders	Sound Equipment
Transformers	Shielding	Contacts
Plugs & Receptacles	Counters	Tuning Condensers
Bulbs & Sockets	Electric Motors	Volume Controls
Motors	Housings	Elevators
Generators	Cabinets	Tone Controls
Cables	Chassis	Audio Mixers
Insulation	Oscillators	Attenuators
Coils	Potentiometers	Patchboard Jacks
Instruments	Filters	Motor Brush Rings
Meters	Rheostats	Band Switches
Timers	Sub-Assemblies	Windings
Bus Bars	Synchronizers	Printed Circuits
Portable Tools	Transmitters	Capacitors
Welders	Receivers	Carbon Resistors
Conduits	Testers	Transistors
Fixtures	Exciters	Phono cartridges

Corium Z202R is used by: -

Training Schools, Universities, Utilities, Industrial Plants, Radio and TV Stations, Motor Repair Shops, Aviation, Marine, Truck Fleet, Municipalities, Airports, Office Buildings, Apartment Houses, Farm and Garden Equipment Maintenance, Railroads, Department Stores, Government Agencies and Hospitals.

HOW TO APPLY

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CPIM Z202R.3	Version 2.0	Revision 2.0	Rev. Date: 1 January, 2016	Reference: CKL
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Corium Z202R seals against moisture, sunlight, alkalis, acids, salt spray, heat and oil and protects against Corona discharge, arcing and high voltage leaks with its superior electrical insulation properties.

It positively will not crack under vibration, is non-toxic and has good abrasion resistance. It is available in both Clear and Red coatings.

APPLICATION:

1. Clean surface to be treated thoroughly. Corium 123 is recommended in this application.
2. Shake can thoroughly.
3. Hold can 150-200 mm (6-8") from area to be treated and spray.
4. A tack free, dry coat is achieved in 30 minutes and complete curing takes 2 hours.
5. After application, invert can and spray until clear gas appears to prevent nozzle clogging.
6. Pre-test to determine effect on plastics that may be prone to softening or crazing by solvents.

IMPORTANT

Strictly observe all safety precautions relevant to the use of an aerosol product and/or printed on the can's label. The product is flammable and should be kept away from a naked flame. It is self extinguishing in case of fire, however.