



Stanvac[®]

"Best in Class"



ELECTRICAL MRO SOLUTIONS 2023
 INNOVATIVE TECHNOLOGIES ★ SUPERIOR PERFORMANCE

Stanvac[®] **SUPERON**[®]

**Group
 MRO Specialities**

Stanvac – Superon group is today, India's leading innovator in the manufacture & marketing of specialised solutions for industrial repair, wear, corrosion, abrasion, electrical insulation, fire suppression, cleaning & degreasing, speciality lubrication.... India's widest variety of such, high performance "Best in class" products.

Estd in 1994, with import tie-ups with a number of world leaders, production of indigenized solutions began in 2004.

We today offer the following "superior featured", innovative technology, MRO specialities, sourced from the world's leading companies.

- A. **AEROSOL SPRAYS** - Cleaners & Degreasers, Rust Penetrators, Lubricants, Rust Preventatives, Zinc & SS Sprays, Contact Cleaners, Insulation Coatings...
- B. **BULK CLEANERS & DEGREASERS** - Environment Friendly "Green" Cleaning Solutions.
- C. **BULK RUST & SCALE REMOVERS** - Non Fuming, Metal & User Safe Formulations.
- D. **REPAIR EPOXIES & SEALANTS** - Composite Epoxy Sticks, Two Part Epoxies, PUF & RTV Sealants.

"Best in class" performance via unique "Proprietary" features, ensures solutions to a number of long standing problems in mechanical & electrical maintenance departments.



Corporate Office



Aerosol Sprays



Aerosol Plant



Warehousing

1. Non Flammable Plastic Safe Cleaning - #901 Easyclean (NF) CO₂ SHP: Fast Re-Energisation

Non-flammable "On-Line" Electrical contact cleaner, safe on most plastics & sensitive surfaces. (Test before use on surface).

Quick re-energisation possible post cleaning.

Spray, Clean & Switch On.

KEY SPECIFICATIONS

Flash Point	KB Value	Evaporation Rate	Di-Electric Strength
None	48	2.29	36 KV

IMP : Can also be safely used on live circuit.

KEY APPLICATIONS AREA'S

Contactors, switches, relay's, solenoids, electric motors, connectors, capacitors....

PACKING : 12 x 700ml / 415gms Aerosol sprays.



2. #415 Off-line Contact Cleaner H. D. CO₂ SHP

CFC free Off line electrical contact cleaner. Contact Cleaner is a fast penetrating, fast evaporating aerosol cleaner that works on most surfaces without leaving a residue.

KEY APPLICATIONS AREA'S

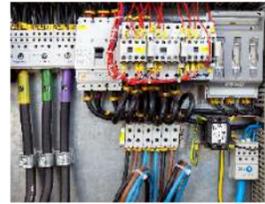
Safe for use on electrical components, connectors, contacts, magnetic tape heads, semiconductor assemblies, office equipment, printed circuits, computer components, relays...

KEY SPECIFICATIONS

Flash Point	KB Value	Evaporation Rate	Di-Electric Strength
0°F (-18°C)	29	6	Not applicable

IMP : 100% plastic & sensitive surface safe.

PACKING : 12 x 700ml / 425gms Aerosol sprays.



4. #SP 98 E2 Safe Klens (ELT) CO₂ - General Use Electrical & Electronic Cleaner

Fast drying, fully plastic & varnish safe, residueless, non chlorinated, economically priced electrical & electronic equipment cleaner. Quick penetrating action, effectively removes grease, oil, dirt & other contaminants. Residueless.

KEY APPLICATIONS AREA'S

Electrical & electronic components, connectors, contacts, magnetic tape heads, semi - conductor assemblies, computer components, precision instruments, PCB'S relays & controls..... Uniquely useful for equipments in moisture prone environments as both cleans & displaces moisture without a residual film.

KEY SPECIFICATIONS

Flash Point	KB Value	Evaporation Rate	Di-Electric Strength
0°F	29	6	Use "off-line" on de-energised systems. Solvent is however dielectric.

PACKING : 12 x 700ml / 425gms Aerosol Sprays



Co2 Propellant
97% Actives



5. #8060 Safety Solvent CO₂ - Non Flammable Heavy Duty Cleaner-Bus Bars, Motors Insulators

S. No.	Product	Description	Specifications				Applications
			Flash Point	KB Value	Evaporation Rate	Di-Electric Strength	
3	# 8060 SAFETY SOLVENT CO ₂	Heavy duty, ultra high strength, fast drying, non-flammable, "on - line" residueless, di-electric cleaner. "IMP: DO NOT USE ON SENSITIVE PLASTICS." PACKING: 12 x 700ml / 570gms Aerosols sprays	None	133	2.6	36 KV	Insulators, bus bars, commutators, heavy duty electrical systems, electric motors, alternators, generators, cables..... Effectively cleans grease, oil.... prevents flash overs CAUTION: Test before use on sensitive plastic surfaces, varnishes....



Co2 Propellant
97% Actives

Also available : #SP98 E1 SAFETY SOLV (NF) - Non flammable, economically priced version.

PACKING : 12 x 700ml / 570gms Aerosol sprays.



3. Ultra Safe Plastic Cleaning - #8376 Electronic Component Cleaner CO₂ SHP

Fast drying, ultra precision, fully plastic safe, residueless, non chlorinated, electronic component cleaner.

KEY APPLICATIONS AREA'S

PCB's, precision electronic equipment, sensitive electrical & telecommunication equipment...

NB : Also available #SP 98 E8 PLASTI KOTE for sealing & protecting PCB assemblies.

KEY SPECIFICATIONS

Flash Point	KB Value	Evaporation Rate	Di-Electric Strength
None	66	8.1	26 KV

IMP : 100% plastic & sensitive surface safe.

PACKING : 12 x 500ml / 310gms Aerosol sprays



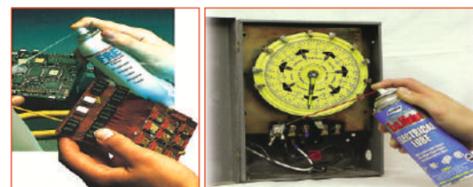
6. #8070 Electrical 88 CO₂-Heavy Duty Moisture Displacement & Long Term Protection

Di-electric, penetrative cleaner cum fast action, heavy duty hydrophobic water & moisture displacer cum protective coating. Safe for plastics, varnishes, rubbers...

Use in combination-Flush with #8060/#901 - spray 8070 - Wait 10-15 minutes (Max.) - Reflush with #8060/ #901-moisture will be effectively removed.

"Unique - heavier than water formulation".

KEY SPECIFICATIONS		
Flash Point	Temp. Range	Protection
-50°F To 400°F	31 KV	a) Indoors : Over 2 yrs. b) Outdoors : 6 months -1yr.



Prevention of arcing / sparking in HT/LT bus bars due to moisture.

Electric motors, with weakened "IR values" due to water / moisture ingress, solenoids, control terminals, capacitors, transformers, electrical subassemblies, PCB's...

Pre-monsoon protective spray coating for preventing moisture caused leakage / flash overs "throughout the season".

PACKING : 12 x 700ml Aerosol sprays

7. General Multi-Use - #7340 All - 4 CO₂ Displaces Moisture, Cleans, Protects & Re-opens Rusted Parts

Universal electrical cleaner. Displaces moisture & restores resistance values, instantly of insulating materials & prevents deterioration of electrical properties. Provides protection against electrical leakage, arcing & short circuits. Penetrative cleaner-loosens dirt, scale, rust..... improves electrical conductivity. Lubricates - Circuit breaker levers, gang operated devices, Isolators.....

KEY APPLICATIONS AREA'S

- ★ **Cleaning** : contactors, generator/motor windings, circuit breakers, insulator bushings, electrical & electronic assemblies, battery terminals.
- ★ **Moisture displacement** : Bus bars, bus bar supports, coils, "make-break" contactors, insulator bushings, terminal studs.
- ★ **Restoration of electrical properties & "IR" Values.**
- ★ **Re-opening rusted & seized parts.**

KEY SPECIFICATIONS

Flash Point	KB Value	Evaporation Rate	Di-Electric Strength
>155	30	NA	33 KV

PACKING : 12 x 700ml /410gms Aerosol sprays



8. Flash Over Carbon Cleaning - #8480 Carbon Cleaner: For Hard Deposits

Foam gel type heavy duty, "thick-film" penetrative bonded deposit remover suitable for thick layers. Especially useful for DC motor commutator cleaning, Post flash over carbon cleaning....

KEY APPLICATIONS AREA'S

Especially designed for thicker, heavier layers of carbon/varnish/bonded deposits... Gradually penetrates through the microscopic pores in the coating, reaches the final surface & completely "lifts off" the coating / deposit.

KEY SPECIFICATIONS

Specify Gravity	Voc Content	Vapour Density
0.83-0.87	44-45	>1 User friendly. Does not contain any harmful solvents, acids, and caustics. All metal & plastics safe.

PACKING : 12 x 700ml Aerosol sprays



9. #Z906 Provar Anti-track SHP - Prevents Tracking & Provides In-situ IR Value Upgradation

Class H high gloss, high dielectric strength, flexible tough epoxy anti-track coating with excellent resistance to abrasion, wear, oil, water acids & alkalis.

Restores "IR" values & prevents breakdowns.

KEY APPLICATIONS AREA'S

Ceramic & epoxy insulators, bus-bars, bakelite sheets, junction box interiors, cable terminations.

KEY SPECIFICATIONS		
Thermal Class	Di-electric Strength	Useable / Cure time
H	2270 V/Mil	Air Dries : 15 min. Useable : 60 min. Full cure : 24 hrs.
	a) Dielectric Strength at 28°C: 121Kv/mm b) Dielectric Strength at 180°C: 81 Kv/mm (still retains a smooth, glossy finish) c) Breakdown Voltage:5.7Kv (0.05 mm coating thickness)	

PACKING : 12 x 500ml /355gms Aerosol sprays



IMP:

Z906 (HP) Anti Track Red Silicone Modified Version – For anti tracking With Superior Water & Dust Repellence

- ★ Ultra high hydrophobicity & UV, weathering durability.
- ★ Self cleaning effect. Water droplets can pick up dirt & remove contamination from coated insulator surfaces. Ideal for highly polluted, dusty & wet areas.
- ★ Contact angles >100° insitu easy application. Will not pick up dust like silicone greases.
- ★ Excellent anti-adhesion to contaminants - cement, coal, ash....
- ★ Will effectively prevent arcing & flash overs on all types of insulators.

Packing : 500ml Aerosol, 1 Ltr & 4 Ltr Bulk



10. #6084 Red Insulating Varnish SHP - Insitu Quick Insulation & IR Value Upgradation

Class F, flexible, tough, high dielectric strength arc & tracking resistant finishing electrical varnish. Penetrates, coats, insulates & seals in one step. Restores "IR" values, "in-situ" allowing motor operation till a suitable shutdown.

Resists oil, water, acids & alkalis.

Enhances electrical equipment life spans, prevents failures breakdowns, & "IR" value droppages.

Open end covers & spray onto winding end turns - effective long term protection

KEY SPECIFICATIONS		
Thermal Class	Di-electric Strength	Useable / Cure time
F	2100 V/Mil	Air Dries : 15 min. Useable : 60 min. Full cure : 24 hrs.
	Dielectric Strength a) in air at RT : 98Kv/mm b) after immersion in water for 24 hrs : 58Kv/mm c) at 155°C : 23Kv/mm	

PACKING : 12 x 500ml / 368gms Aerosol sprays

KEY APPLICATIONS AREA'S

Electric motors, coils, LT bus-bar, frayed insulation, LT & HT insulators... anything that can be spray coated can be insulated & protected.

Imp. Note: For the Best Enhancing or "IR" values, removal of already penetrated moisture (Via Heat Lamps / #8070 Electrical 88) is first necessary.

Also available : SP98E10 Spraytek Epoxy Red Insulating Varnish.
(PACKING : 12 X 400ml / 320gms Aerosol sprays & 1 Ltr Bulk Pack)



11. #931(A) SHP - Heavy Duty LT Areas "Rubberised" Insulation Coating

Unique air dry, dielectric, non -ageing, single component, synthetic rubber coating for tight, conformal electrical insulation, weather proofing & color coding.

- ★ Won't crack, peel or harden. Even under extreme conditions, it remains flexible.
- ★ Insulates, protects and color codes.
- ★ Seals out moisture and prevents corrosion.
- ★ Acid and Salt Resistant.
- ★ Stops terminal screws from vibrating loose.

Available in multiple colors R, Y, B, BL & G.

PACKING : 12 x 500ml / 312gms Aerosol sprays

KEY SPECIFICATIONS		
Thermal Class	Di-electric Strength	Useable / Cure time
30°F to 250°F	1700V/Mil	Air Dries : 30 min.
	a) 931(A): 2kv breakdown voltage when applied alone in 3 - 4 layers. 64Kv/mm dielectric strength	Full cure : 24 hrs. (Build-up in 3-4 multiple layers)

KEY APPLICATIONS AREA'S

Effective long term insulation upto 2kv.
Color coding cum protection.

Power & telecom cable sheath repair & protection, junction box sealing, bus bar sealing & insulation, cable terminations & electrical joints.



12. #6004 Kler Kote SHP - Clear Conformal PCB Protective Coating

Fast drying, transparent acrylic plastic protective coating. Resistant to heat, cold, salts, alkalis & acids. Will not crack, peel or discolor. Solder through.

KEY APPLICATIONS AREA'S

Electronic PCB'S, dials, gages... protection against moisture, dust, oily & chemical fumes...

KEY SPECIFICATIONS		
Thermal Class	Di-electric Strength	Useable / Cure time
-10°F to +350°F (Temp Range)	1346 V/Mil	Air dries: 10- 20 min Useable: 60 min

PACKING : 12 x 700ml / 428gms Aerosol sprays



13. 1465 (A) FLEXIGUARD SHP

(A) STANVAC 1465 FLEXIGUARD - UPTO 11 KV

- ★ Excellent dielectric strength, BDV in 2-3 spray applied coats / 450 microns DFT =>16KV.
- ★ Available in multiple colors-Red, Yellow, Blue, for effective protection cum colour coding.
- ★ Weather proof & non ageing - once applied will provide lasting protection. Will not loose adhesion, peel, and crack or harden with time (top coat for U.V. protection, in outdoor applications recommended).
- ★ Provides quick & easy protection - spray on like conventional paint yet within hours, uniquely air dries into a tough flexible rubber like coating.
- ★ Non-flammable. Within 24 hours of application the coating uniquely becomes non-flammable & self extinguishing.

(B) STANVAC HVI 33/66 SYSTEM - UPTO 33 & 66 KV

High voltage electrical insulation for preventing flashovers / outages on 33/66 KV systems. Prevents flashovers on high voltage lines - 11KV, 25 KV & 33/66 KV. caused by fog, dirt, pollution, animals (monkeys, squirrels, birds,...), kite thread.... prevents downtime & equipment damage.. Ideal for power distribution, railway traction lines.....

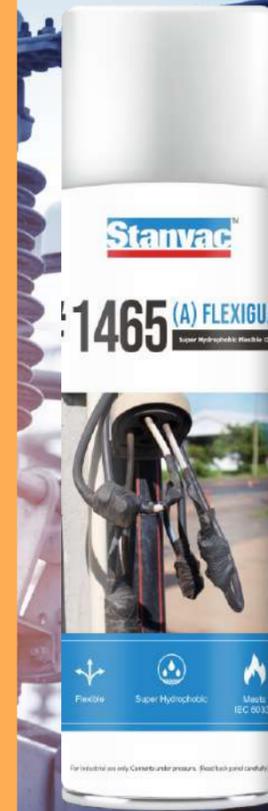
- ★ BDV > 76KV on 242 sq mm copper catenary wire (CPRI Bangalore Tested).
- ★ Weathering resistant, durable & long lasting.
- ★ High elongation & high flexural strength - resists conductor expansion & contraction.

KEY APPLICATIONS AREA'S

Tertiary transformer naked conductors, bus bars, bus support insulators, electrical insulator ends, metal support structures, bushings & potheads, FRP barrier boards...

Effective solution to flashovers caused by monkey, peacocks, small animals, birds, kites, air pollution...

PACKING : 12 x 700ml / 475gms Aerosol sprays.



14. #7034(A) FIRESAFE

A State of Art Passive fire protection solution for Electrical cables, Prevents Cable flame propagation at time of short circuit at Joint & Sheathing Failures due to overheating with the convenience of an Aerosol Spray.

KEY APPLICATIONS AREA'S

- ★ Hybrid co-polymer.
- ★ Fast drying highly flexible, tough adhesion.
- ★ U.V tolerant, Suitable for both indoor & Outdoor use.
- ★ Fire retardant - meets IEC-332 , IEEE-383 , UL 94.
- ★ Easy aerosol spray application - Quick and In-situ.
- ★ Excellent adherence to PVC, Rubbers, Metals....
- ★ Apply on all cable runs, joints & cracked /aged cable sheathings

PACKING : 12 x 700ml / 475gms Aerosol sprays

15. #Z911 Corroclean (SP) - Foam Type Heavy Duty Battery Cleaner

Foam type battery terminal sulfation cleaner cum acid neutraliser. Incorporates unique "Acid Indicator" dye.

KEY APPLICATIONS AREA'S

Regular battery cleaning as well as surface conditioning prior to application of battery terminal coating. Thick foaming action enables "in-situ" usage.

KEY SPECIFICATIONS

Alkaline foam
All metal, plastic & rubber safe.

PACKING : 12 x 700ml / 513gms Aerosol sprays





16. #6006 Battery Terminal Coating (Waxy Film) - Prevents Battery Sulfation Long Term

Air tight, water proof & acid resistant waxy coating that prevents sulfation & corrosion on battery terminals, especially those where terminal "dismantalling" prior to coating application is not possible.

KEY APPLICATIONS AREA'S

Battery terminals, connections, connector plates...
Waxy film air dries to form a dry outer surface that will not pick up dust /dirt

KEY SPECIFICATIONS

- ★ Chemical resistant synthetic waxy coating
- ★ All metal, plastic & rubber safe.

Imp: Minimum 12 months protection warranted.

PACKING : 12 x 700ml /399gms Aerosol sprays

17. # 8078 N DRY Graphite Lubricant

100% dry graphite lubricant. This multipurpose lubricant is used throughout the world for extreme temperature lubrication requirements. Dry Graphite Lubricant and Parting Compound coats surfaces with a super slippery, long lasting protective film.

KEY APPLICATIONS AREA'S

Use on bearings, locks, oven parts, pre-assembled moving parts, sliding windows and doors. Try the parting compound on dies, sand cores, match plates, drawing extrusions, die casting, and pewter moldings.

KEY SPECIFICATIONS

Temperature range	Di-electric properties	Specific gravity
-100°F to +1000°F	100% conductive.	1.05

PACKING : 12 x 500ml /314gms Aerosol sprays.

KEY SPECIFICATIONS

100% pure dry graphite.
No moisture or solvent based diluents.

18. 9034 (A) GLOW IN DARK SPRAY - High Performance Photo Luminescent 1k PU Coating System that Exhibits Excellent Light Emitting Properties

It's a highly efficient tool in the field of disaster management & safety engineering. Strips of night Glow paint on the pathway, staircases gives a glowing direction in case of darkness or power failure. Especially the emergency escape routes in places like Hotels, offices, commercial complex, Industrial complex, Cinema halls. It is flexible and has excellent resistance to weathering. Excellent adhesion to properly primed Concrete, Metal, Most Plastics and Wood.

KEY APPLICATIONS AREA'S

9034 (A) GLOW IN DARK Paint is recommended to use in three coat system
1- 9034 (A) PU White Base.
2- 9034 (A) Photoglow paint.
3-9034 (A) TOP Clear coat.

PACKING : 12 x 700ml / 475gms Aerosol sprays



19. 8079 (A) POWER PLUS KIT - (Cleaner / Nano Coating / Sealer)

Electrical Contact Resistance (ECR) = power loss in busbars, cable joints, transformers, rectifiers, tap connectors... causes:

- 10% plus direct wastage of total electrical energy consumed in the plant.
- Hotspots / overheating / joint failures
- Breakdown & in extreme cases even fires

1. 8079 Power Plus Cleaner – specially designed to effectively clean copper & aluminum oxidation.

2 8079 - Power Plus Nano Coating - Nano technology coating, suitable for all similar metal HT & LT joints – Cu to Cu & Al To Al

: **(A)** Reduces electrical contact resistance / power losses from upto 20-30% in Cu to Cu joints & from upto 50%-60% in Al to Al joints. = **upto 2% plus direct reduction of overall plant electrical energy consumption.**

(B) Prevents Hotspots & overheating in all types of busbar joints, cable connections... **No Joint failures.**

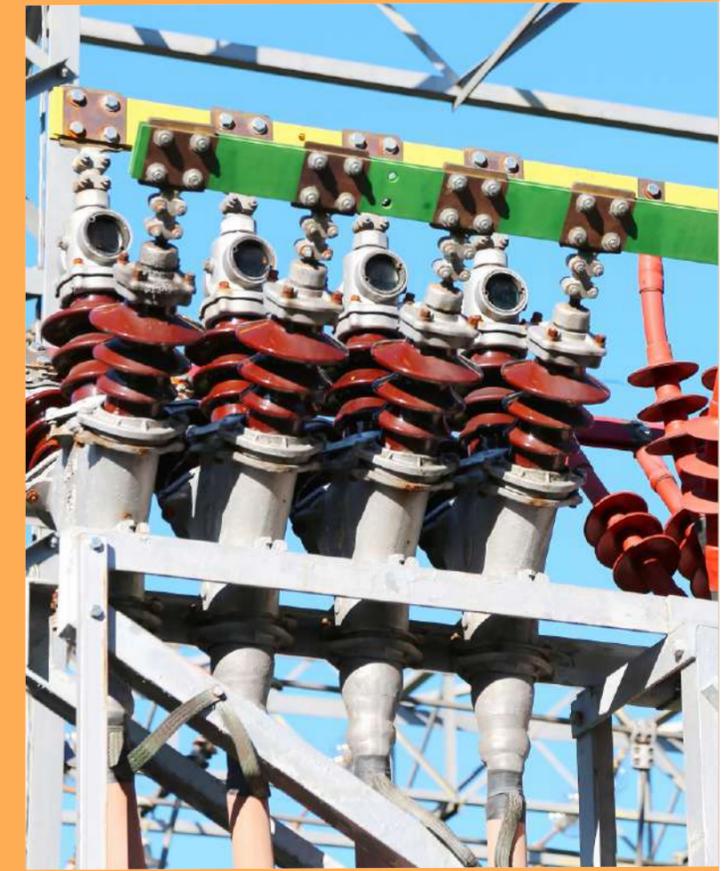
(C) Nano coating comprises of chemically inert materials as **will not heat age** thus providing long term performance & protection.

3. 8079 Power Plus Sealer – SHP technology joint sealer to prevent oxidation /moisture entry into the joints.

KEY APPLICATIONS AREA'S

1. Power generation, transmission & distribution
2. High energy consuming industries such as steel manufacturing, non ferrous smelting, chlor alkali, chemical plants, refineries, cement, paper...
3. Railways
4. Furnaces, ovens, heaters, driers...
5. Large commercial establishments, malls...

PACKING SIZE : { 8079 Cleaner 350 ml
8079 Nano 200 ml
8079 Sealer 350 ml



20. STANGARD 1311 INSULKOTE (CLASS A) : High build - high breakdown voltage solvent free, dielectric flooring, meeting requirements of Class A as per IS 15652:2006 .

A self-leveling solvent free, high build-high breakdown voltage, protection & insulation coating, developed from an unique cycloaliphatic amine curative, designed to provide insulation safety flooring.

KEY SPECIFICATIONS

- ★ Ultra high dielectric strength & insulation resistance.
- ★ Tested in CPRI & ERDA
- ★ Unique breakdown voltage to meet class A,B,C, requirement as per IS 15652:2006 (4 Coat application – 1000 /1200 Microns DFT).
- ★ High build – high adhesion.
- ★ Smooth, glossy finish.
- ★ Tough, wear & weather resistant.
- ★ Easy to apply /install, clean, repair...
- ★ Meets requirement of Class A, IS : 15652 : 2006 (>30KV BDV)



21. #2080 ELECTROHYB : Hybrid co-polymer electrical insulation coating.

- ★ Single component, air drying, thermo plastic hybrid co – polymer.
- ★ High dielectric strength.
- ★ Self priming ready to use.
- ★ Fast drying
- ★ Excellent corrosion & weathering protection - >500 hours salt spray resistance.
- ★ Fire Resistant. Self extinguishing .

KEY SPECIFICATIONS

PROPERTY	VALUE
Salt spray resistance ASTM B117	Resistant
Temperature resistance ASTM D-2243	Upto 90°C
Dielectric Strength	26.5 Kv /mm



22. Z 931 STRIPPEX (B)

Unique air dry synthetic rubber coating that can be easily brushed on to any surface for providing long term sealing, insulation and protection against moisture, dust & other air borne contaminants, preventing electrical leakages, arcing, flash-over, short circuiting, earthing...

KEY SPECIFICATIONS

- ★ Provides quick & easy protection – brush on like conventional paint yet within hours, uniquely
- ★ air dries into a tough flexible rubber coating.
- ★ Excellent resistance to moisture, acids & alkalis. Effectively prevents rust & corrosion.

KEY APPLICATIONS AREA'S

Most useful as a near permanent protection against the ingress of moisture, dust & other air borne contaminants, for all types of power & telecom cables. Spray/ brush-on, to effectively seal, insulate & protect terminals, connections, joints, lugs, cracked / damaged / worn-out cable sheathings...



23. # Z1465 FLEXIGUARD : High voltage 11 kv insulation & protection coating

Heavy duty, high BDV, synthetic liquid epoxy-rubber based, 11 KV insulation & protection coating, available in R, Y, B, colors. With simple paint like application, air dries into a tough, flexible, non-flammable, non-ageing insulation coating, enabling quick & easy protection in a variety of diverse applications viz - power & telecom cables, bus-bars, junction boxes, battery systems...

KEY APPLICATIONS AREA'S

- ★ Excellent dielectric strength, BDV in two brush applied coats/450 microns DFT =>16KV.
- ★ Available in multiple colors – Red, Yellow, Blue, for effective protection cum colour coding.
- ★ Provides quick & easy protection – brush on like conventional paint yet within hours, uniquely air dries into a tough flexible rubber like coating.

KEY SPECIFICATIONS

PROPERTY	VALUE
Tensile (ASTM D- 638)	1500 psi
Elongation (ASTM D- 638)	80%
Dielectric Strength (ASTM D- 149)	1700 V/Mil
Salt spray (ASTM B- 117)	Passes 1000 hours
Weatherability (ASTM G- 53)	10 years plus
Break down voltage	>16 KV
DFT	DFT in 2 Coats 400 to 450 microns



24. FIREX EC 43 : Water immersion /weather resistant intumescent restop cable coating for combustible electrical & communication cables.

Cable fire suppression coatings, ideally should provide the following two key protections:

1. Prevention of fire propagation on cables : (Governing international test standard - IEC 60332-3-21, IEEE 383 & FM 3971)

2. Protection of cables against direct fire exposure : (Governing international test standard - IEC 60331-11)

In addition, the above two protections, should be for a minimum period of 30 minutes, ideally at a fire temperature of >1100°C (Hydrocarbon).

The longer this protection time span, naturally the more superior the coating /protection capability.

Firex EC 43, today, uniquely provides the longest time span fire protection-circuit integrity, in the world, at fire temp. of >1100°C.

- ★ Also passes IEEE 383 & FM 3971.
- ★ Best in class intumescence – Superior fire & thermal protection.
- ★ High solids (68-70%)
- ★ Unique water immersion /weather resistance.
- ★ Suitable for both indoor & outdoor use. Weathering resistant. Post curing will not wash off with rain water.

KEY SPECIFICATIONS

PROPERTY	VALUE
Chemical, oil & water resistance immersion	Resistant
Toxicity	Non-Toxic asbestos & lead free, Meets NES-713 & NCD 1409
Halogen	Max 1.5 mg/mg of dry coating
Flash Point	Nil
Applicable Test Data	IEC 60332-3-21, IEC 60331-11, IEEE 383, FM 3971



25. Fire Stop Mortar Cavity Sealing: Wall & Floor / Trench Openings: Firex FM 71

Heat absorbing fire stop mortar designed to firestop cable & pipe penetrations through walls, floors & ceilings.

USP'S :

- Expandable type C.B.R.I. Technology based fire stop barrier.
- 2 hrs Fire rated barrier meets the requirements of ASTM E-814, UL-1479, BS-476 Part-20.

KEY FEATURES

- ★ Inorganic chemistry
- ★ Smoke tight sealing
- ★ Comfortable working time.
- ★ Fast setting time.

KEY APPLICATION AREA'S

Fire stop barrier cum cavity sealing in wall and floor openings, fire & insect proof duct sealing. Can also be dual used-water sealing (Top coated with Fire Stop Barrier + 1311 MVT).



26. Firestop Barriers - Mineral Wool Based System Firex FB - 250

Three Component System:

(A) Firex FB 250 Mineral Wool Boards pre-coated with firex EC - 43 firestop coating.

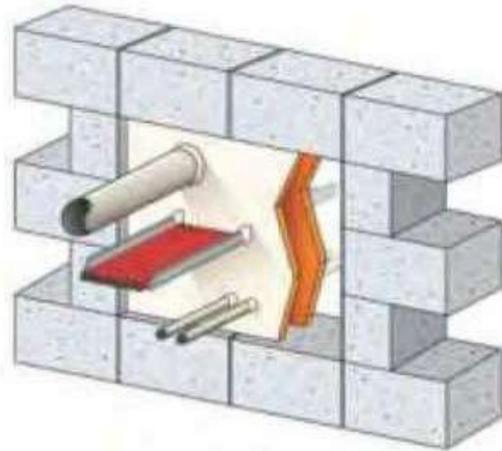
(B) Firex EC 43 High Solids Thin Film Intumescent Firestop Coating - Minimum 100-300mm cable length on either side of barrier / accessible side.

(C) Firex FBS Fire SEAL 73 One component, Elastomeric Intumescent Flexible Firestop Sealant for application on joints, penetrations...

For creating fire stops in cable penetrations, through walls, control panel floors...

KEY FEATURES

- ★ Tested up to 4 hours fire resistance / 200 mm (2 hour rating / 100mm).
- ★ Economical
- ★ Halogen free
- ★ Reduced smoke properties
- ★ Chemical resistant Weather resistant Comprises of non-combustible boards top coated with Firex intumescent coating, Firex sealing mortar, anchoring system.
- ★ Easy to retrofit / pass new cables through existing barriers & re-install.



27. 1 (C) STANVAC HVI 33/36 SYSTEM : High voltage electrical insulation for preventing flashovers / outages on 33/66 kv systems.

Prevents flashovers on high voltage lines – 11KV, 25 KV & 33/66 KV. caused by fog, dirt, pollution, animals (monkeys, squirrels, birds....), kite thread.... prevents downtime & equipment damage.. Ideal for power distribution, railway traction lines.....

Applications: naked conductors, bus bars, bus support insulators, electrical insulator ends, metal support structures, business & potheads, frp barrier boards...

With simple paint like application, Strippex air dries into a tough, flexible, non-flammable, non-ageing rubber coating, enabling quick & easy protection in a variety of diverse applications viz - power & telecom cables, bus-bars, junction boxes, battery systems...

KEY SPECIFICATIONS

- ★ BDV > 76KV on 242 sq mm copper catenary wire (CPRI Bangalore Tested).
- ★ Weathering resistant, durable & long lasting.
- ★ High elongation & high flexural strength – resists conductor expansion & contraction.

28. Junction Box & Cavity Sealing - Dust, Rodents, Insects

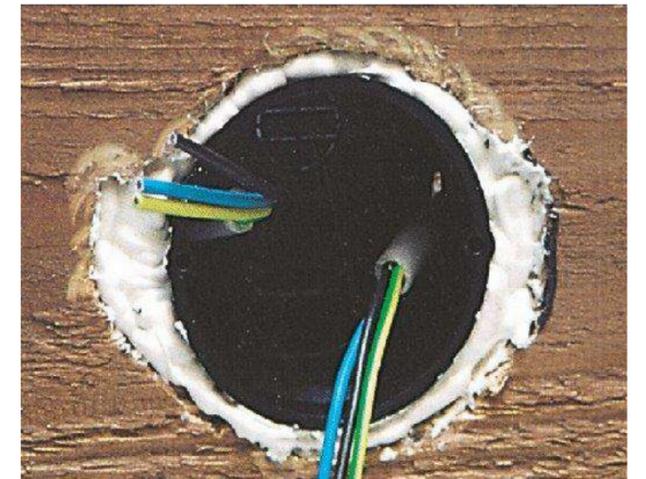
Z201 Pufseal (1K-S) : Self-expanding CFC free, one component polyurethane foam sealant.

KEY SPECIFICATIONS

SKIN FORMATION	CURING TIME	TEMP. RANGE
8-10 minutes	30-45 minutes	-40° to +90°C

KEY APPLICATIONS

Sealing cable penetrations & joints, gap filling, pipe sealing, roof repair, thermal and sound insulation, telecom & AC duct sealing, sealing around doors & windows, machinery gap & cavity sealing / filling...



29. #Z136 SUPER ELECTROSAFE

Odorless nonchlorinated solvent.

KEY SPECIFICATIONS

FLASH POINT	DI-ELECTRIC STRENGTH	KB VALUE	RESIDUE AFTER EVAPORATION
144°F (TCC)	38 KV	27	VOC 100% None

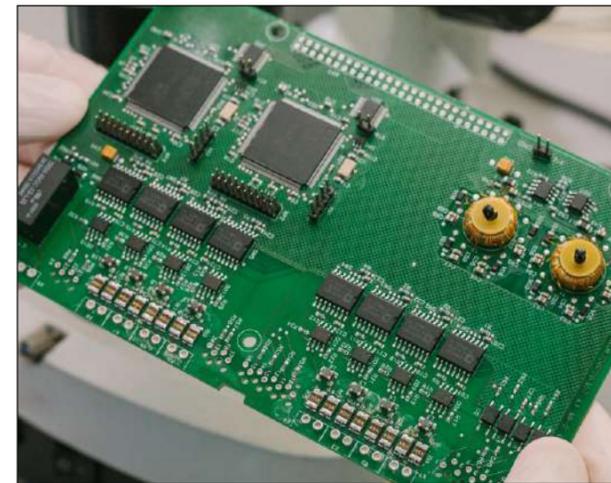
KEY APPLICATIONS

Cleaning electric motors, electrical equipments & electronic systems...

PACKING : 208, 20, 5 ltrs



IMP : Low evaporation losses-highly economical.



30. #Z137QUIK SOLV

Odorless fast drying non chlorinated solvent.

KEY SPECIFICATIONS

FLASH POINT	DI-ELECTRIC STRENGTH	KB VALUE	RESIDUE AFTER EVAPORATION
104°F (TCC)	38 KV	27	VOC 100% None

KEY APPLICATIONS

Cleaning electric motors, electrical equipments & electronic systems...

PACKING : 208, 20, 5 ltrs

31. #Z982 INDUSTRIAL LEAK REPAIR KIT

# Z711(P) Quicksteel Epoxy Putty (1 X 1Kg)	# Z801 Faststeel Epoxy Stick (4 X 4.Oz) Stick	# Z814 One Minute Putty (2 X 24MI) Syringe
# Z824 Glass Fiber Tape (2 X 2.5Mtr) Roll	# SP98E1 Safety Solv CO2 (1 X 700MI) Aerosol	# SP98S4 Strip It (1 X 700MI) Aerosol
Teflox HD 1 X 200Gm Tube	Kit 1 Set Gloves 1 Set Applicator	



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