



Paramount Polytreat
Chemicals Pvt. Ltd.



PPCPL

Innovating HVAC Solutions



Coatings

Durable Protection, Perfect
Finish



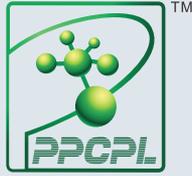
Fire paint

Protective Coating, Safety
First



Adhesives

Bonding Innovation, Durability
Assured



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The Company **PARAMOUNT POLYTREAT CHEMICALS PVT.LTD. (PPCPL)** was established in 1997 to provide state of the art and cost-effective solutions to the EPC, Large HVAC contractors and small contractors which have a high requirement of HVAC & Chemicals Products.

The **PPCPL** organization has been continuously developing HVAC products to cater the needs of its customers. The team is highly experienced and well qualified in the HVAC sector which works in a dedicated and motivated fashion to make **PPCPL** a success both commercially and technically.

PPCPL has a highly adaptable plant with a wide range of machinery where we can undertake production runs which are customer specific and these can be from quantities of a few kilos to thousands of tons and varying different packaging sizes. (We can deliver on short notice to local customers on a call off basis or we can send large orders depending on the needs of the customer). Our deliveries are customized and promising based on the requirements and customer locations.

Under the guidance of our mentor "Mr. Ahmad Kamal Usmani" we have become the best option for our clients. Our mentors have years of understanding of this arena.

OUR PRODUCTS

2Hours
Fire Rated
Ductwork
Coating/
Fire Paint

Thermal
Insulation
Fire
Retardant
Canvas
Coating

Insulation
Adhesives
for Nitrile,
XLPE &
Glass wool

Non-
Flammable
Solvent
Based
Adhesive

Water &
Heat
Resistance
CR Based
Duct Liner

Chlorinated
Zinc
Chromate
Anti-
Corrosive
Coating

Anti-
Bacterial
Duct
Sealant

STARBOND 30-36[®]

(Insulation Protective Coating For Indoor & Outdoor Application)

DESCRIPTION :

STARBOND 30-36[®] An aqueous solution is applied in conjunction with woven fiber Glass cloth spreading on the outer surface of any insulated ducting, chilled water piping, so as to provide sealing against air and moisture, mechanical impact and resistance to scratches for any insulation work. It act as cladding, protection guard and long life enhancement to the insulation material against environment hazardous like UV, dust, rain, moisture, acid vapors, mechanical impacts, Chemicals and Alkalis etc for both the indoor and outdoor application. It act as a barrier for depreciation of insulation nature when repeated cycle of high/low temperature and climate change.



Properties	Result
Color	Milky White & Z Black
Viscosity @ 30°C	30000 to 40000 cps
Solid Content	62±2%
Specific Gravity	1.45±2% kg/Ltr
Coverage	1.2 to 1.5 m ² / with three coats
Bonding Time	30-minute (at 30°C DBT, 60% RH)
Drying Time	Touch dry- 2 hours, Hard dry-16 hours.
Temperature Range	-25°C to 112 °C
VOC Content (Gram/Litre)	10.9 grm/Ltr
Water Permeance	0.018 perms as per ASTM E-96
UV Resistance	Excellent
Fungi Resistance	Excellent

Properties	Confirm
BS 476 Part-5 (Ignitability)	✓
BS 476 Part 6 (Non-Combustible, Class-O Material)	✓
BS 476 Part 7 (Fire Propagation, Class-1 Material)	✓
ASTM E84(Flame Spread & Smoke Developed)	✓
ASTM D 93 (Flash Point)	✓
ASTM D 1640-03 (Drying time at 23°C& 50% RH)	✓
VOC Content tested as Per IS 101 (Part-2/Sec-2)1986	✓
IS101 (Part-2/Sec-1) 1988& ASTM D 3960	✓
ASTM E-96 (Water Permeance)	✓
ASTM E424 (Excellent UV Resistance)	✓
ASTM G21 (Excellent Fungi Resistance)	✓

STARBOND VB 95[®]

(Vapor Barrier Coating)

DESCRIPTION :

STARBOND VB 95[®] is an Anti-fungal, low Voc, water based, fire retardant, high solid vapor barrier coating for Insulated duct and pipe. STARBOND VB 95 is flexible, washable, tough, abrasion resistant and has low odor. It has excellent water resistance and low water permeance. STARBOND VB 95 can be used in specially high humid environment and greatly retards water vapour permeability. STARBOND VB 95 is formulated for both indoor and outdoor applications, where elevated temperature are major concern. STARBOND VB 95 is an ideal for sealing in ASJ, FRK and FSK jackets and board facings joints, laps over staple and weld pin puncture. STARBOND VB 95 acts as an excellent duct closure sealant, over finishing cement or dry concrete. It is non-combustible and low-VOC product, so it comes in safe and green eco-friendly product.



Properties	Result
Color	Milky White
Physical Form	Thixotropic Paste
Solid Content	65±2%
Viscosity @30°C	40000 to 50000 cps
Specific Gravity	1.45±2% kg/ltr
Flash Point	No Flash to >150°C
Coverage	1.2 to 1.5 m2/ with three coats
Bonding Time	30-minute (at 30°C DBT, 60%RH)
Drying Time	Touch dry- 2 hours, Hard dry-16 hours
Temperature Range	-30°C to 110°C
VOC Content (Gram/Litre)	0.05 gm/Ltr
Water Permeance	0.018 perms as per ASTM E-96

Properties	Confirm
ASTM E84 (Flame Spread & Smoke Developed)	✓
ASTM D 93 (Flash Point)	✓
ASTM D 1640-03 (Drying time at 23°C & 50% RH)	✓
ASTM D 3960 (VOC Content)	✓
ASTM E-96 (Water Permeance)	✓
ASTM E424 (Excellent UV Resistance)	✓
ASTM G21 (Fungi Resistance)	✓

STARCOAT-CRC®

(2Hours Fire Rated Ductwork Coating)

DESCRIPTION :

STARCOAT-CRC® is a single component water base self-priming and top coat for various metals. It is heat resistant, fast drying self-primer and fire rated coating or paint. This product has excellent adhesion properties with good impact resistance. It maintain the structure integrity during the fire and prevent the spread of flame.

This contains selected minerals filler in a low permeability elastomeric binder to achieve thickness of approximately 700 to 900 micron to give a finished product which has been successfully tested fire conditions for 2 Hours upto 1133°C. One component special resin based paint, easy to apply, excellent water, weather and UV resistance.

Advantages:

- 2 hrs Fire rated coating
- Excellent impact and abrasion resistant
- Brushable/Sprayable Depending upon area
- Excellent chemical resistance
- Excellent heat resistance
- Suitable for all zones of India



Properties	Result
Specific Gravity	1.36 ±0.02
Solid Content	68% ±2%
Application Temperature	-5°C to 55°C
VOC Content (Grm/Ltr)	0.054 Grm/Ltr
Technical Coverage	1.1 to 1.2 m ² /Kg@0.7mm to1mm (DFT)
Drying Time	Touch Dry 2 hrs & Hard Dry 24 hrs
Flash Point	No Flash
Water & Chemical Resistance	Excellent
Weather & UV Resistance	Excellent
Self-Life	12 Month from the date of Manufacturing

Properties	Confirm
120 Minutes fire rating Duct Vertical & Duct Horizontal as per BS 476 Part-20&24	✓
BS 476 Part 6 (Fire Propagation, Class-0)	✓
BS 476 Part 7 (Surface Spread of Flame, Class-1)	✓
Impact Resistance-No Loss of Adhesion - IS:5585-120Nm	✓
Artificial Weather testing ASTM G154	✓
Corrosion Resistance ASTM D 1654	✓
VOC content ASTM D 3960	✓



ENIFIX 85-23[®]

(Non-Flammable & Low VOC Solvent Based Adhesive)

DESCRIPTION :

ENIFIX 85-23[®] is a premium quality solvent based and low VOC adhesive, which is non-flammable in the wet state. ENIFIX 85-23 has special additives, tackifiers and resin, which provide it with non-flammable nature and excellent bonding properties.

ENIFIX 85-23 is used to join seams and built joints of elastomeric and polyolefin pipe and sheet insulation. ENIFIX 85-23 is ideal for bonding porous and non-porous materials, as it is not absorbed easily. ENIFIX 85-23 will make a resilient and heat resistant bond. ENIFIX 85-23 is suitable for line temperatures up to 100°C on applications. It has quick tack and grip of insulation having high solid content.



Properties	Result
Color	Yellow
Physical form	Liquid
Specific Gravity	1.26±0.05 kg/Ltr
Solid Content	18±2%
Viscosity	1400±200 cps
Flash Point	No Flash
Drying Time	10 to 15 Minutes
Service Temperature	Minus 35°C to 100°C
Coverage Range	4 to 4.5 m ² /Ltr
VOC Content (grm/Ltr)	28.56 grm/Ltr
Application	Brush or Roller

Properties	Confirm
Flamibility test as per BS 476 Part-7(1997)	✓
VOC Certified as per ASTM D2369	✓
Non-Flammable in Wet State	✓
Excellent Bonding and Peel off Strength	✓
Excellent Drying and Adhesion	✓
Excellent Open Time and Wet Tack	✓
Excellent Bonding to Porous & Non-Porous Surfaces	✓
High Strength	✓
Chemical Resistant	✓
Non-Toxic	✓
Extremely Low odor	✓

ENIFIX 520[®]

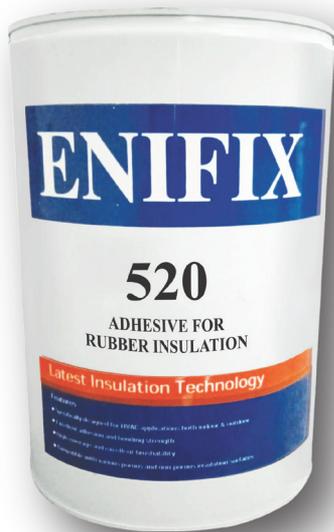
(Adhesive For Rubber Insulation)

DESCRIPTION :

ENIFIX 520[®] is a one component adhesive developed specially for Nitrile rubber insulation material. It is ideal for closed cell & PE Cross link foam insulation system. ENIFIX 520 is made from a combination of special resins & additives that produce an extremely low odor and provides excellent tack properties along with a very strong bond. It is easy to use low-rise foam adhesive with no external power needed.

ENIFIX 520 is an ideal product for bonding

- NBR Insulation to MS Pipe.
- NBR Insulation in Underdeck
- Nitrile & EPDM Rubber Insulation
- Closed Cell & PE Cross Link Foam Insulation System



Properties	Result
Color	Light Yellow
Physical form	Liquid
Specific Gravity	0.88±0.05 kg/Litre
Solid Content	18±2 %
Viscosity	800-1200 cps
Flash Point	>10°C
Drying Time	15 to 25 Minutes
Service Temperature	Minus 25°C to 120°C
Coverage Range	5 to 6 m ² /Ltr
Application	Brush or Roller

Properties	Confirm
Excellent bonding to Porous & Non-Porous Surfaces	✓
Quick Drying and Setting Time	✓
Excellent Heat Resistance	✓
Extremely Low Odor	✓
Chemical Resistant	✓
Excellent Tack	✓

ENIFIX 525[®]

(Insulation Adhesive for XLPE)

DESCRIPTION :

ENIFIX 525[®] is a one component adhesive developed specially for XLPE, NBR, Nitrile & EPDM rubber insulation material. It is ideal for closed cell & PE cross link foam Insulation system. It is fast curing low rise foam adhesive. ENIFIX 525 is made from a combination of special resins & additives that produce an extremely low odor and provides excellent tack properties along with a very strong bond. It is a rigid adhesive have better heat and chemical resistance.

The surface to be bonded should be structurally sound, clean, dry, leveled and free from dust, curing compounds, grease and other loose debris. Keep container closed when not in use.

ENIFIX 525 evenly on both surfaces using a brush or roller. Allow the surface to become tacky & dry. After both surfaces are dry, bring them together and join by applying normal pressure.



Properties	Result
Color	Yellow
Physical form	Liquid
Solid Content	42±2 %
Specific Gravity	0.88±0.05 kg/Litre
Viscosity	900-1200 cps
Flash Point	>10°C
Drying Time	10 to 15 Minutes
Complete Bonding	30 minutes
Service Temperature	Minus 25°C to 120°C
Coverage Range	5 to 6 m ² /Ltr
Application	Brush or Roller

Properties	Confirm
Good bonding to Porous & Non-Porous Surfaces	✓
Quick Drying and Setting Time	✓
Excellent Heat Resistance	✓
Extremely Low Odor	✓
Chemical Resistant	✓
Excellent Tack	✓
Excellent Adhesion and High Strength	✓

ENIFIX 530[®]

(High Performance Insulation Adhesive)

DESCRIPTION :

ENIFIX 530[®] is a one component adhesive developed specially for NBR, Nitrile rubber & XLPE insulation material. ENIFIX 530 is made from a combination of special resins & additives that produce an extremely low odor and provides excellent tack properties along with a very strong bond. ENIFIX 530 is used for air duct insulation, pipe sections, slabs, under deck etc. It is a better in peel, thermal shock, and for substrate of different thermal application.

ENIFIX 530 is an ideal product for low consumption with precise application, easier handling and work. It also applicable on Closed Cell & PE Cross Link Foam Insulation System. It is tough, flexible adhesive.



Properties	Result
Color	Light Yellow
Physical form	Liquid
Peel of Strength	2.2kg/inch
Specific Gravity	1.26±0.5 kg/Ltr
Solid Content	18±2 %
Viscosity	800-1300 cps
Flash Point	No Flash to >100°C
Drying Time	15 to 25 Minutes
Service Temperature	Minus 35°C to 100°C
Coverage Range	5 to 6 m ² /Ltr
Application	Brush or Roller

Properties	Confirm
IS 101(2015) - Determination of VOC content	✓
Peel of Strength tested as per ASTM D 903	✓
Excellent Bonding to Porous & Non-Porous Surface	✓
Quick Drying and Setting Time	✓
Good Heat Resistance	✓
Extremely Low Odor	✓
Chemical Resistant	✓
Excellent Tack	✓

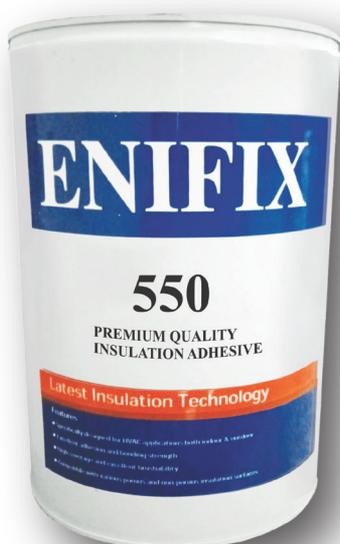
ENIFIX 550[®]

(Premium Quality Adhesive for Insulation)

DESCRIPTION :

ENIFIX 550[®] is a premium quality, one component contact adhesive based on polychloroprene rubber is specially formulated for stress bonding of nitrile rubber & XLPE insulation material. It create long lasting bonding, resistant to water, heat and weather. It is free from benzene and having non-hazardous properties. It has high cohesive strength and having more flexibility due to which having better peel of strenght.

ENIFIX 550 is made from a combination of special resins & additives that produce low odor and provide excellent tack properties along with a very strong bond. This is formulated for maximum efficiency, verssatility and sustainability.



Properties	Result
Color	Dark Brown
Physical form	Liquid
Specific Gravity	0.85±0.05 kg/ltr
Solid Content	24±2 %
Viscosity	1800-2200 cps
Flash Point	< 21°C
Drying Time	Approximately 10-25 Minutes
Service Temperature	Minus 40°C to +90°C
Coverage Range	3-4 m ² /ltr
Application	Brush or Roller
Peel of Strength	4.1 kg/inch
Pull of Strength	3.6 kg/cm ²

Properties	Confirm
IS 101(2015) - Determination of VOC content	✓
Peel of Strength tested as per ASTM D 903	✓
Pull of Strength tested as per ASTM D 4541	✓
Excellent adhesion and high bonding strength	✓
Excellent bonding to porous and non-porous surfaces	✓
Suitable for material under tension	✓
Usable both indoors and outdoors	✓
Excellent heat resistance	✓
Chemical resistant	✓
Excellent tack	✓
Low odor	✓

STARGLUE 81-10[®]

(Water & Heat Resistance CR Based Duct Liner Adhesive)

DESCRIPTION :

STARGLUE 81-10[®] is an solvent based polychloroprene, component with special tackier and additives. It is specially developed for porous and non-pores substrate humid and hot climatic conditions. It is specially applicable on glasswool and rockwool insulation. It resistancen to chemical weather and ozone. Due to its exceptional crosslinked cure and polymeric properties it is capable of with standing both extreamely low or high temperature when in service.



Properties	Result
Color	Sligh Yellow
No of Components	One
Physical form	Liquid
Specific Gravity	0.85±0.05 kg/Litre
VOC Content (grm/Ltr)	33.2g/Litre
Solid Content	21±3%
Viscosity	900-1200cps
Flash Point	20°C
Drying Time	10 to 25 Minutes
Service Temperature	Minus 20°C to 96°C
Coverage Range	4 to 5 m ² /Ltr
Water Resistance	Excellent
Chemical Resistance	Excellent
Application	Brush or Roller

Properties	Confirm
No special tools, Brush able application	✓
No Special Enclosures for outside liquid and suction lines	✓
Excellent adhesion both on the plain and laminated insulation tubing's	✓
Easy and quick application for space constraint between the refrigerant lines	✓
No benzene content, Non toxic and non-flammable	✓
Mechanical impact and scratch resistant.	✓
Anti-Fungal & Anti Bacterial	✓
Anti-Rodents and Birds Won't Perch On It	✓
High temperature resistance	✓
Water proof and washable	✓

ENIFIX ECO 4050[®]

(Water Based Non-Flammable Adhesive)

DESCRIPTION :

ENIFIX ECO 4050[®] is a water based, Low VOC adhesive specially developed for residential and commercial HVAC ducting, chilled water piping and underdeck insulation applications in the HVAC industry. ENIFIX ECO 4050 is based on a very special type of synthetic resin, with very high-performance additives, fine grade mineral fillers and tackier. ENIFIX ECO 4050 is non-flammable when wet and fire-resistant when dry. It is applicable on all types of insulation. High coverage and excellent water and chemical resistance.

ENIFIX ECO 4050 is recommended for insulating HVAC Ducts with Nitrile Rubber, Glass wool, rock wool and chilled water piping with glass wool and rock wool. It can also be used for under deck insulation with nitrile rubber, glass wool, rock wool & PVC jackets.



Properties	Result
Color	Off White
Temperature Range	Minus 20°C to 120°C
Physical form	Thixotropic Paste
Viscosity	35000-40000 cps
Specific Gravity	1.35±0.05kg/Ltr
Water&Chemical Resistance	Excellent
Solids Content	72±2 %
Flash Point	No Flash to >100°C
Coverage	6 to 8 Sqm
VOC Content(gm/Ltr)	8.92gm/Ltr
Service Temp	Minus 25°C to 100°C
Application	Brush & Roller & Spray

Properties	Confirm
Low Flame spread and Smoke developed	✓
Excellent Bonding and Peel off Strength	✓
Solvent Free Synthetic Elastomer Emulsion	✓
High Compatibility with Insulation Fiber & Fabric	✓
Excellent Coverage	✓
Weather Resistant	✓
Heat Resistant	✓
Non-Toxic	✓

ENIFIX BA 60[®]

(Cold Applied Bituminous Based Adhesive)

DESCRIPTION :

ENIFIX BA 60[®] Cold Applied Bituminous Adhesive is a liquid form for open cell Glass Wool, Rockwool and partial cell Thermocol & Puff. Ideal for adhesion of Duct/Chilled Water Pipe run and cold storages external wall, common floors and ceilings against hard industrial Bitumen grade 85/25 available in solid state packed in drum. ENIFIX BA 60 is oxidized, cold applied, quick setting and low cost Bituminous Adhesive.

ENIFIX BA 60 is recommended for the fixing of expanded/extruded polystyrene (thermocole) insulex soft boards and fibre glass insulation slabs for all type of structures where bituminous adhesive is acceptable.

- It may be used to stick insulation sheets on to concrete, timber, metal or other insulation sheets.
- It is particularly suitable for use in cold storage to ensure good adhesion to walls and ceilings and may also be used for sticking thermocole for insulation of refrigeration pipe work.
- Special grades of ENIFIX BA 60 are available for fixing tiles, linoleum, etc.



Properties	Result
Color	Black
Physical form	Liquid
Specific Gravity	1±0.10 kg/Ltr
Solids Content	68±2 %
Open Time	15 to 20 Minutes
Temperature Range	Minus 20°C to 80°C
Coverage Range	3 to 3.5 m ²
Application	Brush or Roller
Packing Size	Available in 20 Litre of Air tight metal pail

Properties	Confirm
Good Adhesion	✓
Non Toxic	✓
Alkali Resistance	✓
Very Good Cohesion	✓
Anti-Fungal & Anti-Bacterial	✓
Suitable for all Zone in India	✓

PARACOAT-BPC™

(Buried Pipe Insulation Protective Coating)

DESCRIPTION :

Buried Line Insulation Protective Coating (For open, partial & closed cell insulation) PARACOAT-BPC an aqueous solution to be applied/Spread direct over insulation in conjunction with a single layer of fire proof woven fibre glass cloth against some conventional process for underground insulation coating. It also applicable on Vapour Barrier, Chicken Wire Mesh, Cement Plastering, open cell (Glass wool), Partial Cell (Thermocol/Puf), Cross linked (Polyethylene) & Closed cell (Elastomeric), Tar felt, sealing the joint with 85/25 hot bitumen, chilled water, Bare condense water piping & Bare Hydrant and Fire Fighting System Piping. PARACOAT-BPC is a tough, durable vapour barrier coating over the insulation material and convert with glass cloth to provide a well bonded finish.



Properties	Result
Color	Black
Temperature Range	Minus 20°C to 120°C
Physical form	Liquid
Specific Gravity	0.99±0.05 kg/ltr
Water & Chemical Resistance	Excellent
Solids Content	60±2 %
Water Vapour Permeance	0.008 perms @1.20mm dry thickness
Elongation	1000% ASTM D 522-93-A
Softening Point	Up to 120°C, If exposed to direct sunlight
Bonding Strength	Excellent
Viscosity	40000-50000 CPS

Properties	Confirm
Comparative Very Low Water Vapour Permeability	✓
Chemical Resistance	✓
Alkali & Corrosion Resistance	✓
Excellent Bonding to most of the insulation material	✓
No effect of Sodium, Chloride, Potassium and Salt Encountered En route of soil	✓
Suitable for all zone in India	✓

STARBOND 30-36 SUPER®

(Fire Retardant, UV protective Coating for Insulation)

DESCRIPTION :

STARBOND30-36 SUPER® is a water based fire retardant & UV barrier coating. It forms robust, flexible and opaque dry film over the Plain/ Aluminum laminated NBR/XLPE tubes. STARBOND30-36 SUPER provides complete safe guard against the UV radiation in outdoor conditions. It is suitable for Ductable/VRF refrigerant piping both within the premises and for both humid and non humid conditions. It can be used for both existing and new ducting, chilled water and refrigerant piping even with the space constraint application. STARBOND 30-36 SUPER can also be used on bare duct with different colors from aesthetic point of view. STARBOND30-36 SUPER is water based UV barrier coating. It forms tough, flexible and opaque dry film on the plain/laminated tubes and sheets.



Properties	Result
Color	Milky White
Temperature Range	Minus 25°C to 112°C
Viscosity	40000-50000 cps
Specific Gravity	1.3±0.05 kg/ltr
Water Permeance	0.018 perms
Solids Content	60±2 %
Flash Point	No Flash to >100°C
Coverage	3 to 3.5 sqm
VOC Content	12.5 gm/ltr
Bonding Time	30 Minute (at 30°C DBT,60%RH)
Drying Time	Touch Dry-2 hrs & Hard Dry 16 hrs
Application	Brush & Roller

Properties	Confirm
Comparative Very Low Water Vapour Permeability	✓
Chemical Resistance	✓
Alkali & Corrosion Resistance	✓
Excellent Bonding to most of the insulation material	✓
No effect of Sodium, Chloride, Potassium and Salt Encountered En route of soil	✓ ✓
Suitable for all zone in India	✓

STARCOAT-FRP™

(Chlorinated Zinc Chromate Anti-Corrosive Coating)

DESCRIPTION :

STARCOAT-FRP™ is a single component, high build anticorrosive chlorinated rubber suitable plasticized primer and coating. It is highly corrosion resistant, fast drying CR paint. This product has excellent adhesion properties with good impact resistance. It can be used as a part of a system comprising a primer or Top coat in areas exposed to atmospheric corrosion. These properties allow STARCOAT-FRP to be used in wide variety of industrial application including offshore structure, petrochemical & chemical complexes, storage tanks & pipelines fertilizers industries, bridges, pulp and paper mills, power industry and MS/GI railing.



Properties	Result
Colour	Green, Red, Yellow & Off White
No of Component	One
Temperature Range	Minus 20°C to 45°C
Solvent	Hydro Carbon
Viscosity	13000 - 16000 cps (Book Field)
Specific Gravity	1.15±0.10 kg/ltr
Density	1.3±0.5 kg/ltr
Flash Point	Minus 20°C
Solids Content	45±2%
Heat Resistance	120°C
Drying Time	Touch Dry 15-20 Min & Hard Dry 8 Hrs
Coverage	7 to 8 Sqm
DFT	40-50 Microns
Service Temp	Minus 20°C to 45°C
Application	Brush & Roller & Spray
Water & Chemical Resistance	Excellent

Properties	Confirm
Confirm to Salt spray test for 100 hrs	✓
Excellent Anti-Corrosive Property	✓
Water Resistance	✓
Excellent Heat Resistance	✓
Excellent Impact & abrasion Resistance	✓
Very Easy application By Brush or Roller	✓
Fast Drying	✓
Suitable for metal & concrete	✓

ENIROOF PUF-103[®]

(Anti-Corrosive Clear Coating For Copper & Aluminium)

DESCRIPTION :

ENIROOF PUF-103[®], is cross linked urethane based acrylic resin, translucent gloss finish coating, which give excellent abrasion and heat resistant protection against most challenging weather condition, with very good film forming nature. ENIROOF PUF-103 is air drying and quick setting formula to use in industrial application specially for copper and aluminium tubes and sheet.

ENIROOF PUF-103 should be stirred carefully before use. Do not apply on wet and moistened surfaces until get completely dry. Do not apply the next coat unless the previous one is fully dry, minimum recoating interval time should be 2 to 3 hours between the two coats. Should be used in well-ventilated place and keep away from children reach.



Properties	Result
Base	Cross linked urethane acrylic resin
Colour	Translucent , clear
Solid By Wait	30 ± 2%
Specific Gravity	0.92± 2% kg/ltr
Heat Resistance	Excellent
Film appearance	Glass , clear
Film Nature	Tough and hard
Coverage/lit. @ 30μ DFT	12 m ² ± 2
Recommended DFT	40-50μ
Drying time @ 35°C	Touch Dry 30 min & Hard Dry 24 hrs

Properties	Confirm
Very Good Protection against Sox & NOx	✓
Excellent Heat Resistance	✓
Very Good Abrasion Resistance	✓
Non-Yellowing with age	✓
Good Film forming nature	✓
Quick dry in normal ambient temperature	✓
Excellent adhesion to most of metal	✓
Excellent Water, Alkali & Salt Resistance	✓

CHEMXSEAL 32-17™

(Food Grade Anti-Bacterial Acrylic Base Duct Sealant)

DESCRIPTION :

Chemxseal 32-17®, is anti-fungal, low VOC water based, flexible fire resistive, indoor & outdoor usable vapour barrier sealant for low, medium, and high pressure/high velocity metal, fiberglass and flexible heating and air conditioning ducting systems. Chemxseal 32-17 is highly elastic in nature, has excellent adhesion to any metallic duct. It performs as a tough & flexible additive and sealant, forming a durable seal against air leakage.

Advantages:

- Fire retardant
- Highly elastic in nature
- Suitable for all zone of India
- Flexible and tough sealant/adhesive
- Highly resistant to moulds, and mildew
- No aging affect even if exposed to UV



Properties	Result
Conform to	Food Grade Sealant (As per IS:9845:1998)
Color	White, Grey & Black
Physical form	Thick Pest
Specific Gravity	1.35±0.30 kg/ltr
Solids Content	68.4±0.2 %
Water Vapour Permeance	0.008 perms at 1.20mm dry thickness
Flash Point	No Flash to >150°C
Temperature Range	Minus 30°C to 200°C
Application	Gun Machine or Pressure Machine
Confirm to	Food Grade Sealant (IS:9845:1998)

PARAFAB-GFC™

(Fiber Glass Cloth)



DESCRIPTION :

PARAFAB-GFC™, Is a versatile and unique fiberglass fabric with excellent combination of properties from high strength to fire resistance. PARAFAB-GFC is specially designed for reinforcement for Chiller pipe; Air-condition metal duct and other type of insulation's protection with specialty coating.

Dimensional Stability:

PARAFAB-GFC is dimensionally stable engineering material and its dose not stretch or shrinks after exposure to extremely high or low temperature and climate change.

CHEMXSEAL 32-18™

(Firestop Sealant)

DESCRIPTION :

Chemxseal 32-18™ firestop sealant is developed for sealing application in various areas (Commercial or Grouped Residential Ducting work) and in any fire prone areas. Chemxseal 32-18 firestop sealant can be used in systems where dynamic moment is accepted: Plumbing, HVAC, bath and dryer vents, Metallic pipes, Non Metallic Pipes, Conduits and Tubing, Insulated pipes. Electrical and Electronic cabling, Concrete, Gypsum, Metal ductwork, Wood floors. Chemxseal 32-18 firestop sealant is a fast setting, elastomeric compound designed as a fire joint sealant for velocity. It may be used with or without reinforcing tapes. It has a mild odor and applies cleanly without stirring. Mechanical fasteners are required for stricter rigidity. Chemxseal 32-18 firestop sealant is also used to seal gaskets where flexibility is required. It can be used to adhere duct fabric and flexible tubing out to high velocity duct and to mixing boxes or air diffuser heads.

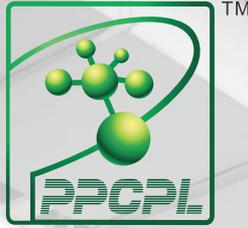


Properties	Result
Color	White & Grey
Appearance	Viscous Smooth
Odor	Characteristic
Boiling Point	N/A
Melting Point/Freezing Point	N/A
Vapour Density	N/A
Vapour Pressure	N/A
Specific Gravity	N/A
PH	Neutral
Solubility in Water	Soluble When Wet
Drying Time 75°F 50%RH	Touch Dry: 1hrs & Hard Dry:16hrs

FLAMMABILITY TEST OF CHEMXSEAL 32-18

Confirm to fire rating 2Hours & 4Hours as per IS : 15061-2002 Clause 3.2, Annex A.2.0 Horizontal Burning Rate, mm/minutes as per IS : 15061-2002 Clause 3.2 and Annex A 2.1 Observation table: The sample under test is isotropic.

S. No.	Test Description	Specified Requirement	Observation, mm/min.				
			Test Piece 1	Test Piece 2	Test Piece 3	Test Piece 4	Test Piece 5
1	Horizontal Burning Rate, mm/minutes as per IS: 15061-2002 Clause 3.2 and Annex A	The result of the test shall be considered satisfactory if taking the worst test results into account, the horizontal burning result rate is not more than 100mm/minutes of if the flame extinguishes before reaching the last measuring point.	0	0	0	0	0



Paramount Polytrear
Chemicals Pvt. Ltd.

PPCPL

Innovating HVAC Solutions

LOCAL AVAILABILITY IN INDIA

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