



INDUSTRIAL COATINGS AFRICA

PRODUCTS CATALOGUE

INDUSTRIAL MAINTENANCE & PROTECTIVE COATINGS

*For Mining, Oil & Gas, Offshore Installations,
Manufacturing, Aviation, Construction, Water
Treatment, Hydro Insulation (Waterproofing),
Industrial floor, Telecommunication, Etc.*

Anti-Corrosion Coatings, Chemical Resistant Coatings, Anti-Abrasion Coatings, Industrial Floor Coatings, Waterproof Coatings, Fireproof /Fire-Retardant Coatings, Cold Galvanize Coating, Etc.

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Our Services

Industrial Maintenance
& Protective Coatings

Mining, Refinery & Water
Treatment Process
Chemicals

Urethane Binders, Rubber
& Specialty Products

Intumescent Fire-
Protective Coatings

Certifications



CANADIAN PAINT
AND COATINGS
ASSOCIATION



Some Major Clients

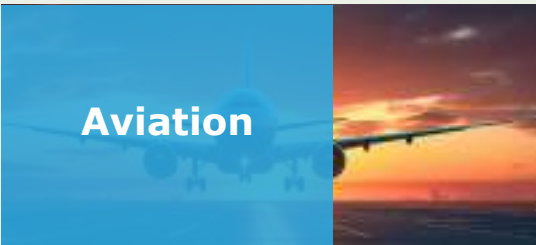
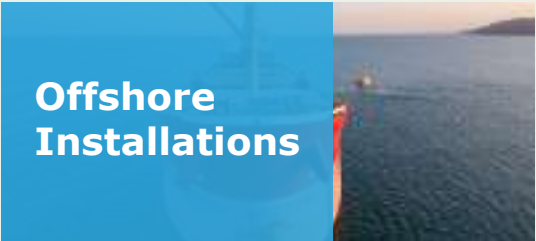


Sectors & Industries

Our industrial maintenance and protective coating systems are manufactured in Canada and United States of America by Polyval Coatings Inc. and Nofire Technologies Inc. respectively and are approved and certified by recognized world class independent entities.

All our products and coating systems are designed for easy application, low maintenance, and a long service life to protect valuable industrial assets and offer exceptional performance, reliability, and durability for industrial installations and infrastructures even when exposed to the most severe environmental conditions and corrosive chemicals.

Our coatings are engineered to offer the most innovative and advanced properties required for superior performance in diverse industries and sectors including:



POLYFLEX 53 AQUA-GUARD PLUS

WALL, CONCRETE, FLOOR,
ROOF & FOUNDATION
HYDRO-INSULATION
(WATERPROOFING) COATING

(Pack of 2, Base 7.57L &
Activator 3.78L)



Description: Polyflex 53 Aqua-Guard Plus is a high-performance Polyurethane – Polyurea Thick Elastomeric coating specially designed to provide high waterproofing performance and heat reflection by regular methods of application.

Polyflex 53 is a high-performance industrial-grade elastomeric coating that is superior and outperforms other coating brands when it comes to waterproofing, heat & UV reflection, high solids content, and spreading rate.

Recommended Uses:

- Waterproofing of concrete, Wooden surfaces, Industrial civilian buildings
- Self-leveling & crack filling floor application

Features:

- High hydro-insulation and waterproofing of Wall, Concrete, Floor, Roof and Foundation
- Good elasticity and flexibility (Industrial Grade)
- High film build in just one coat
- Applied by brush, roller, squeegee, and airless or conventional spray machine
- Can be used for full coating, repair kit, bonding layer
- Cold weather cure for temperatures down to -10°C (15°F)
- Excellent impact resistance
- Superior industrial dampproofing performance than any Bitumen Emulsion coating in the industry
- Can be used as a crack filler when mixed with sand

Brand:	Polyval
Color:	Grey, Variable
Unit Count:	2
Packaging:	Part A (2 US Gallon Can), Part B (1 US Gallon Can)
Mixing Ratio:	2:1 By Volume
Volume:	3x3.78L (11.34L)
Theoretical Coverage:	115 m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Concrete Hydro Insulation, Waterproofing
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



POLYFLEX 54 CORRO-SHIELD PLUS

INDUSTRIAL ANTI-CORROSION
COATING
(Pack of 2, Base 3.78L &
Activator 3.78L)



Description: Specialty industrial anti-corrosion, anti-rust coating for general applications in mining, marine, oil & gas, waste-water treatment plants, etc. Polyflex 54 Corro-Shield Plus is a high- performance polyurethane – polyurea iron oxide-based elastomeric coating designed to provide superior anti-corrosion performance by regular methods of application.

Recommended Uses:

- Long term protection of steel and concrete surfaces against corrosion
- Effective anticorrosion protection on exterior parts of pipes and tanks

Features:

- Applied by brush, roller, squeegee, and spray by conventional or special plural component spraying equipment XM XTREEM
- Excellent anti-corrosion and hydro insulation characteristics
- High film build in one coat
- Outstanding hardness
- Excellent hydrophobic and waterproofing performance
- Cold weather cure for temperatures down to -10°C (15°F)
- Good abrasion resistance
- Chemical resistance to low-concentrated acids and alkaline

Brand:	Polyval
Color:	Grey, Variable
Unit Count:	2
Packaging:	Part A (1 US Gallon Can), Part B (1 US Gallon Can)
Mixing Ratio:	1:1 By Volume
Volume:	2x3.78L (7.56L)
Theoretical Coverage:	125 m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Industrial Anti Corrosion
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Industrial Floor, Other
Item Form:	Liquid
Age Range (Description):	Adult



POLYFLEX 55 ULTRA-CHEM PLUS

ACID AND CHEMICAL RESISTANT
COATING FOR MINING, OIL & GAS,
INDUSTRIAL APPLICATIONS ETC.
-ANTI-CORROSION, ANTI-ABRASION

(Pack of 2, Base 3.78L &
Activator 3.78L)



Description: Specialty industrial Anti-Corrosion, Anti-Abrasion, Acid, and Chemical-Resistant coating for Mining, Marine, Oil & Gas, Waste Water Treatment Plants, Industrial applications, etc. Polyflex 55 Ultra-Chem Plus is a hybrid high-performance Polyurethane – Polyurea Highly Crosslinking Elastomeric coating that provides superior quality, durability, and longevity over Epoxies, Alkyds, etc

Recommended Uses:

- Protection on steel and concrete surfaces from occasional splashing of chemicals
- Chemical resistant to drains, channels and flooring
- Protection of mining equipment from abrasion wear and chemicals
- Interior lining of tanks and pipes
- Acid retaining walls
- Pumps bases and casings
- Chemical transfer and holding areas
- Tank pads



BASE

Features:

- Specialty coating for Mining, Offshore, Oil & Gas, Industrial applications, and severe environments where superior resistance to Corrosion and Corrosive chemicals is required.
- Polyurea-polyurethane highly crosslinking elastomeric coating; several times durable than Epoxy coatings
- Super resistance to the most Severe Corrosion
- Excellent resistance to Chemicals and Corrosive Solvents (Resistant to many Acids, Alkalis, Bleaches & Oxidants, Salts, Solvents, etc.)
- Excellent hydro insulation & waterproofing performance
- Super tough, excellent wear, abrasion, and chemical resistant (Coating Life expectancy of about 15 years)
- High film build in just one coat
- Can be used for full coating or as a repair kit
- Applied by brush, roller, squeegee, and spray by conventional or plural component spraying equipment Graco XM pump

Brand:	Polyval
Color:	Grey, Variable
Unit Count:	2
Packaging:	Part A (1 US Gallon Can), Part B (1 US Gallon Can)
Mixing Ratio:	1:1 By Volume
Volume:	2x3.78L (7.56L)
Theoretical Coverage:	115m ² /3.78Liters @ 25 microns D.F.T
Special Feature:	Superior Anti-Corrosion & Chemical Resistance, Anti-Abrasion, Waterproofing, Hydro Insulation
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Industrial Floor, Other
Item Form:	Liquid
Age Range (Description):	Adult



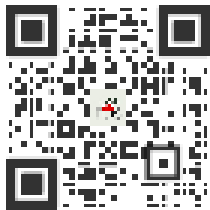
ACTIVATOR



POLYFLEX 56 UV-SHIELD PLUS

INDUSTRIAL HYDRO-INSULATION
(WATERPROOFING),
ANTI-CORROSION COATING-SUPER UV
RESISTANT

(Pack of 2, Base 7.57L & Activator 3.78L)



Description: Specialty industrial Anti-Corrosion, Waterproofing, and Industrial Floor Coating for all industries including commercial, and civilian buildings and installations.
POLYFLEX 56 is a high-performance Aliphatic Polyurethane – Polyurea Thick Elastomeric coating specially designed to provide a superior UV-resistant performance by regular methods of application.

Recommended Uses:

- Waterproofing of industrial and civilian buildings
- Hydro insulation of diverse concrete and wooden facilities (Excellent for Swimming Pools)
- Industrial and commercial flooring with excellent Indoor and outdoor color stability
- Protection of steel and concrete surfaces against weathering
- External protection of pipes and tanks

Features:

- Industrial Floor Coating
- Superior UV-resistance
- Excellent color and gloss retention
- High film build in one coat
- Excellent for swimming Pools and water containment
- Can be used for full coating or repair kit
- Applied by brush, roller squeegee, and airless or conventional spray
- Exceptional hardness and toughness Superior UV-resistance
- Excellent hydrophobic and waterproofing performance

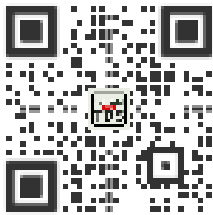
Brand:	Polyval
Color:	Clear, Variable
Unit Count:	2
Packaging:	Part A (2 US Gallon Can), Part B (1 US Gallon Can)
Mixing Ratio:	2:1 By Volume
Volume:	3x3.78L (11.34L)
Theoretical Coverage:	98 m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Anti-Corrosion, Concrete Hydro Insulation, Waterproofing
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



POLYFLEX 57

INDUSTRIAL FLOOR & WATERPROOFING COATING

(Pack of 2, Base 3.78L & Activator 3.78L)



Description: Specialty industrial Floor and waterproofing coating for industrial Floors, showrooms, auditoriums, stadiums, warehouse, parking decks, locker rooms, garages, manufacturing plants, etc. POLYFLEX 57 is a high-performance elastomeric polyurethane coating specifically designed to provide durability to floors by manual methods of application. It provides excellent waterproofing

Recommended Uses:

~ Showrooms, stadium/auditoriums, warehouse, parking deck, locker rooms, amusement park and zoo, manufacturing plant, Industrial Floors, etc.

Features:

- Excellent Industrial Floor Coating
- Excellent for hydro insulation and waterproofing of concrete
- Excellent hardening at low temperature
- Good elasticity and flexibility
- High film build in one coat (up to 30 mils on horizontal surfaces)
- Can be used as a full coating or as a concrete block filler
- Applied by brush, roller, or squeegee
- Great coverage
- Provides a seamless high build durable coating
- Cures temperatures down to – 10°C (15°F)
- Excellent impact resistance

Brand:	Polyval
Color:	Clear, Variable
Unit Count:	2
Packaging:	Part A (1 US Gallon Can), Part B (1 US Gallon Can)
Mixing Ratio:	1:1 By Volume
Volume:	2x3.78L (7.56L)
Theoretical Coverage:	139 m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Industrial Floor Hydro Insulation, Waterproofing
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



ACTIVATOR



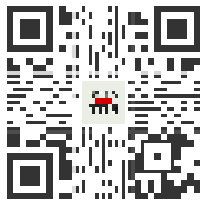
BASE



POLYFLEX 53 SILVER

CONCRETE HYDRO INSULATION
(WATERPROOFING)
AND HEAT REFLECTIVE PAINT

(Pack of 2, Base 7.57L & Activator 3.78L)



Description: Polyflex 53 Silver is a high-performance Polyurethane – Polyurea Thick Elastomeric coating specially designed to provide high hydro insulation, waterproofing performance, and heat reflection by regular methods of application.
POLYFLEX 53 is a high-performance industrial-grade elastomeric coating that is superior and outperforms other coating brands when it comes to waterproofing, heat & UV reflection, high solids content, and spreading rate.

Recommended Uses:

- Waterproofing of concrete, wooden surfaces, industrial and civilian buildings
- Self-leveling & crack filling floor application
- Heat and UV reflection (Insulation) of industrial and civilian buildings

Features:

- High hydro insulation and waterproofing
- Good elasticity and flexibility
- High film build in one coat
- Can be used for full coating, repair kit, bonding layer
- Applied by brush, roller squeegee and airless or conventional spray
- Cold weather cure for temperatures down to -10°C (15°F)
- Excellent impact resistance
- Can be used as a crack filler when mixed with sand

Brand:	Polyval
Color:	Silver
Unit Count:	2
Packaging:	Part A (2 US Gallon Can), Part B (1 US Gallon Can)
Mixing Ratio:	2:1 By Volume
Volume:	3x3.78L (11.34L)
Theoretical Coverage:	115m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Concrete Hydro Insulation, Waterproofing, Heat Reflection
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



POLYFLEX 53 FM

FIRE &RETARDANT INTUMESCENT &
WATERPROOFING COATING

(Pack of 2, Base 3.78L & Activator 3.78L)



Description: Polyflex 53 FM is a high-performance fire protection polyurethane-polyurea thick elastomeric coating that was specially designed to provide high waterproofing performance and intumescent features.

Recommended Uses:

- Waterproofing of concrete, wooden surfaces, industrial and civilian buildings
- Fire Retardant Intumescent coating
- Fire protection of steel and concrete for 1 to 4 hours depending on the DFT of the application

Features:

- Fire protection of steel and concrete of 1 to 4 hours depending on the DFT of the application
- High hydro insulation and waterproofing
- Good elasticity and flexibility
- High film build-in one coat
- Can be used for full coating, repair kit, bonding layer
- Applied by brush, roller, or airless spray
- Cold weather cures temperatures down to – 10°C (15°F)

Brand:	Polyval
Color:	Light Grey, Variable
Unit Count:	2
Packaging:	Part A (1 US Gallon Can), Part B (1 US Gallon Can)
Mixing Ratio:	1:1 By Volume
Volume:	2x3.78L (7.56L)
Theoretical Coverage:	110m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Fire-Retardant, Waterproofing, Anti-Corrosion
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



ACTIVATOR



BASE



POLYUR 112 DTM POLYASPARTIC

ANTI-CORROSION, CHEMICAL
& ABRASION RESISTANT COATING

(Pack of 2, Base 3.78L &
Activator 3.78L)



Description: Specialty Anti-Rust, Anti-Corrosion, Anti-Abrasion, and Chemical-Resistant Marine Paint for general marine, industrial, and civil applications. POLYUR 112 DTM is a high gloss two-component aliphatic Polyaspartic Polyurethane used as a high-build direct-to-metal (DTM) finish. It offers excellent corrosion protection, gloss, color retention, and super long life.

POLYUR 112 DTM is a high gloss two- component aliphatic polyaspartic polyurethane. It is used as a high-build direct-to-metal (DTM) finish. It offers excellent gloss and color retention as well as excellent corrosion protection

Recommended Uses:

- Original Equipment Manufacturer's (OEM)
- Mobile and agricultural equipment
- Structural steel
- Storage tanks and reservoirs
- Flatbeds and Floors
- Metal and Aluminium fabrication
- Super excellent coating for roofing sheets, roofing sheet manufacturers etc.

Features:

- Excellent chemical and corrosion resistance
- Excellent gloss and color retention
- Tough hard film
- Excellent abrasion resistance
- Can achieve up to 250 microns (10 mils) wet in a single coat application
- Contains anti-corrosive pigments without heavy metals
- For Marine, Offshore, Mining, and Oil and Gas environment
- Apply one coat directly to the steel

Brand:	Polyval
Color:	Grey, Red, Variable
Unit Count:	2 (Part A & Part B)
Packaging:	Part A (1 US Gallon Can), Part B (1 US Gallon Can)
Mixing Ratio:	1:1 By Volume
Volume:	2x3.78L (7.56L)
Theoretical Coverage:	109 m²/3.78 liter @ 25 microns D.F.T
Special Feature:	Corrosion Protection, Anti-Rust, Chemical Resistance
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



ACTIVATOR



BASE



XYMAX, MONO FERRO PUR

ANTI-CORROSION, ANTI-RUST,
INDUSTRIAL PRIMER



Description: Mono Ferro Pur is a specialty anti-corrosion industrial primer for structural steel used in chemical processing facilities, bridges, tanks exteriors, pipes, water and wastewater treatment facilities, hydropower facilities, mining, marine, Oil & gas, etc.
Mono Ferro PUR is a micaceous iron oxide (MIO)-pigmented, one-component, moisture-cure polyurethane used as a primer, intermediate coat or “overcoat” over alkyls, vinyls or epoxies

Recommended Uses:

- Structural Steel
- Chemical Processing Facilities
- Bridges and Pipes
- Material Handling Equipment
- Polyflex membrane primer
- Tanks Exteriors
- Water and Wastewater Treatment Facilities
- Pulp and Paper Mills and Hydropower Facilities

Features:

- Use it as a spot or full primer
- Can be applied in damp, cold, humid, or foggy conditions
- Can be applied directly to steel, aluminum, galvanized metal, or concrete.
- Can be applied at a minimum of -7°C (20°F) and humidity up to 99%, no dew point temperature differential restrictions
- Excellent adhesion properties to tightly adhering rust
- For use as field touch-up over inorganic zinc
- Quick recoat times
- Intermediate coat over Xymax Mono Zinc ME III, Mono Zinc, Mono Zinc 390, Mono Lock PP, Xyguard, or itself
- Does not become brittle with age
- Use as an interior topcoat
- No pot agitation required
- pH range 3 to 11



Brand:	Polyval
Color:	Grey
Unit Count:	1
Packaging:	1 US Gallon Can
Mixing Ratio:	Single Component
Volume:	3.78L
Theoretical Coverage:	95m ² /3.78 liters @ 25 microns D.F.T
Special Feature:	Anti-Corrosion, Anti Rust
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult





Description: Specialty anti-corrosion, wall and concrete industrial primer used in chemical processing facilities, bridges, tanks exteriors, pipes, water and wastewater treatment facilities, hydropower facilities, mining, marine, oil & gas, etc.
XYGUARD is a high-build (4 to 6 mils DFT) single-component moisture-cure polyurethane serving as an all-purpose primer, intermediate coat, or interior topcoat. XYGUARD is surface tolerant and provides excellent corrosion, abrasion, and water resistance.

Recommended Uses:

- Structural Steel
- Material Handling Equipment
- General Equipment
- Tanks Exteriors
- Chemical Processing Facilities
- Water Treatment Facilities

Features:

- Excellent adhesion to concrete, steel, aluminum, galvanized metal, weathering steel, fiberglass, or old coatings
- Use as a foundation coating (primer) for hydro insulation of walls, floors, and concrete
- Excellent adhesion to marginally prepared surfaces
- Excellent adhesion to overaged alkyds or epoxies
- Excellent abrasion resistance and chemical resistance for splash and spill areas
- As a foundation Coating for hydro insulation of walls, Floors, and Concrete
- Quick recoat times in cold, damp, humid, and foggy conditions
- Suitable for early immersion or splash areas
- Cannot amine blush; does not brittle with age
- Can be applied at a minimum of -7°C (20°F) and humidity up to 99%; no dew point temperature differential restrictions
- Achieves 6 mils DFT per coat
- Apply by brush, roller, or spray
- Good topcoat for interior use
- Can be applied over SSPC-SP-2, SP-3, SP-11, SP-6, or SP-10 steel surface preparation
- Can be used as general shop coat Primer for all applications

Brand:	Polyval
Color:	Grey
Unit Count:	1
Packaging:	1 US Gallon Can
Mixing Ratio:	Single Component
Volume:	3.78L
Theoretical Coverage:	92m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Anti-Corrosion, Anti Rust
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



XYMAX, MAX COAT HB

ANTI-CORROSION & ANTI-RUST
MOISTURE COATING



Description: Specialty semi-gloss single-component aliphatic moisture-cure polyurethane topcoat for structural steel, material handling Equipment, tank exteriors chemical processing facilities, floors (industrial or domestic) Max Coat HB provides outstanding exterior weathering performance achieving the technology's highest level of color and gloss retention, abrasion resistance, and physical property toughness. Max Coat HB is a semi-gloss single-component aliphatic moisture-cure polyurethane topcoat. Outstanding exterior weathering performance achieving the technology's highest level of color and gloss retention, abrasion resistance, and physical property toughness.

Recommended Uses:

- Structural Steel
- Material Handling
- Equipment
- Tanks Exteriors
- Chemical Processing Facilities
- Floors
- Pipes, Reservoirs, Flatbeds, Metal & Aluminium Fabrications, etc.
- Super excellent coating for roofing sheets, roofing sheet manufacturers, OEM etc.

Features:

- Can be applied in damp cold, humid, or foggy conditions
- Can be applied by brush, roller, or spray
- Excellent gloss and color retention
- Excellent abrasion resistance
- Excellent chalk resistance
- Non-yellowing
- Can be applied at a minimum of -7°C (20°F) and humidity up to 99%; no dew point temperature differential restrictions
- Low dirt pick-up or staining
- pH range 2 to 12
- Can achieve high-film-build 4 mils DFT by spray application

Brand:	Polyval
Color:	Clear, Green, Variable
Unit Count:	1
Packaging:	1 US Gallon Can
Mixing Ratio:	Single Component
Volume:	3.78L
Theoretical Coverage:	92m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Anti-Corrosion, Anti Rust
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



BLC9001 BEDLINER

ANTI-ABRASION, ANTI-SLIP, ANTI-RUST
COATING



BLC9001 is one component high solids elastomeric moisture cure impact resistant polyurethane coating for commercial, industrial, and domestic use (exterior and interior)

Recommended Uses:

- Mining Trucks
- Tpper (Dump) Trucks
- Flatbed Semi-Trailers
- Bucket Trucks
- Pickup Trucks
- Car Chassis
- Cargo Trucks
- Boats
- Floors
- Pedestrian walk way
- Wooden and metal steps

Features:

- Excellent flexibility
- One component
- Excellent resistance to low & high temperature
- Excellent adhesion to metal
- Excellent abrasion resistance
- High solids

Brand:	Polyval
Color:	Black
Unit Count:	1
Packaging:	1 US Gallon Can
Mixing Ratio:	Single Component
Volume:	3.78L
Theoretical Coverage:	97m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Anti-Corrosion, Anti Rust, Anti-Slip
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



MONO ZINC 390

ANTI-CORROSION, ANTI-RUST COATING



MONO ZINC 390 is a Micaceous iron oxide (MIO)/zinc-pigmented, one component, moisture-cure polyurethane primer. For use over steel or weathered galvanized metal, or as a spot primer for marginally cleaned or blasted surfaces.

Recommended Uses:

- Structural Steel
- Chemical Processing Facilities
- Bridges
- Tanks Exteriors
- Pipes
- Water Treatment Facilities

Features:

- 65% minimum weight of zinc in dry film
- Can be applied in damp, cold, humid, or foggy conditions
- Can be applied at a minimum of -7°C (20°F) and humidity up to 99%, no dew point temperature differential restrictions
- Mixture of MIO/zinc for high-corrosion performance
- Quick recoat times
- Cures in less time than two-component conventional primers and epoxies
- Does not become brittle with age
- No pot agitation required
- Can be used as a spot primer over hand or power-tool cleaned, previously painting surfaces
- pH range 4 to 11

Brand:	Polyval
Color:	Green or Grey Tint
Unit Count:	1
Packaging:	1 US Gallon Can
Mixing Ratio:	Single Component
Volume:	3.78L
Theoretical Coverage:	92m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Anti-Corrosion, Anti Rust
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



POLYUR 515 SERIES

ANTI-CORROSION, ANTI-RUST COATING



Polyur 515 series is multi-purpose fast dry alkyd enamel suited for use in applications that require fast drying times and exterior durability.

Recommended Uses:

- Interior Piping and Guard Rails
- Material Handling Equipment
- Production Machines
- Interior Structures

Features:

- Excellent durability and gloss retention
- Fast drying
- Available in a shading base system
- Color matching service is available to support your needs

Brand:	Polyval
Color:	Available in several colors
Unit Count:	1
Packaging:	1 US Gallon Can
Mixing Ratio:	Single Component
Volume:	3.78L
Theoretical Coverage:	60m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Anti-Corrosion, Anti Rust
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



POLYROCK, 607 SERIES

Excellent Chemical Resistant Coating



Description: Polyrock 607 series is a two-component high build epoxy coating. It can be used as a high performance coating immersion for properly prepared steel applications.

Recommended Uses:

- Piping and tanks
- Pulp and paper mills
- Oil and gas industry
- Chemical plants and refineries
- Water treatment facilities
- Mining and fertilizer plants

Features:

- No induction time, no blushing
- High build, 10-15 mils (250-300 microns) WFT per coat
- Excellent adhesion to blasted steel
- Good petroleum resistance
- Excellent chemical resistance
- Excellent long-term resistance to elevated temperature service up to 150 – 180°C

Brand:	Polyval
Color:	Grey, White
Unit Count:	2
Packaging:	1 US Gallon Can
Mixing Ratio:	1:1
Volume:	3.78L
Theoretical Coverage:	92m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Chemical Resistance
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



BASE



ACTIVATOR

POLYUR, 8000 SERIES

Excellent Chemical, Abrasion
and Impact resistance



Polyur 8000 series is two component high-performance and high gloss aliphatic acrylic polyurethane. It provides outstanding gloss and color retention and provides excellent chemical, abrasion and impact resistance.

Recommended Uses:

- Original Equipment Manufacturers (OEM)
- Trucks Trucks, Railcars, and Locomotives (Transportation)
- Heavy-Duty Equipment
- Tanks, Pumps, Transformers
- Mobile and Agricultural Equipment
- Storage Tanks and Reservoirs
- Steel Structures

Features:

- Excellent drying time
- Outstanding gloss and color retention
- Excellent abrasion and impact resistance
- Excellent weathering and U.V. resistance
- Excellent chemical resistance
- Heat resistant up to 80°C (176°F)
- An Intermix set-up available for both solid and metallic colors
- Color matching service is available to support your needs

Brand:	Polyval
Color:	Available in several colors
Unit Count:	1
Packaging:	1 US Gallon Can
Mixing Ratio:	1:1
Volume:	3.78L
Theoretical Coverage:	92m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Chemical Resistance
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



XYMAX, MONO ZINC ME III

COLD GALVANIZING (ZINC RICH)
COATING



Description: Specialty industrial high-performance Zinc-Rich Primer for Structural Steel, hot-rolled, or galvanized metal used in Chemical Processing Facilities, Bridges, Tanks Exteriors, Pipes, Water and Wastewater Treatment Facilities, Hydropower Facilities, Mining, Marine, Oil & Gas, etc. MONO ZINC ME III is a Zinc-pigmented, one-component, fast-drying moisture-cure polyurethane primer that can be used as a general shop primer, intermediate, or infield topcoats

Recommended Uses:

- Pulp and paper mills
- Tanks (exterior), trucks, truck frames
- Bridges
- Steel structure exposed to rough atmospheric conditions
- Chemical Processing Facilities
- Water and Wastewater Treatment Facilities

Features:

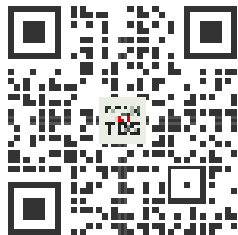
- 83% minimum weight of zinc in a dry film
- Meets SSPC Paint 40
- For protection of steel or galvanized metal
- Weldable primer
- Can be applied in damp, cold, humid, or foggy conditions
- Can be applied at a minimum of -7°C (20°F) and humidity up to 99%, no dew point temperature differential restrictions
- For use as a field touch-up over inorganic zinc
- Cures in less time than two-component conventional primers and epoxies
- No pot agitation required
- Smooth, dense finish; no bubbling when topcoats are applied
- pH range 4 to 11

Brand:	Polyval
Color:	Grey
Unit Count:	1
Packaging:	1 US Gallon Can
Mixing Ratio:	Single Component
Volume:	3.78L
Theoretical Coverage:	92m²/3.78 liters @ 25 microns D.F.T
Special Feature:	Anti-Corrosion, Anti Rust Zinc Reach, Cold Gavanizing
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



POLYURETHANE BINDER CLEAR

SL-1076



Description: Polyurethane Binder Clear is a solvent-free, moisture cure, single component polyurethane binder with a diphenylmethane diisocyanate prepolymer base.

Recommended Uses:

- Safety Playgrounds
- Synthetic surfaces
- Running Track
- Sport facilities
- Outdoor carpets
- For a non-skid coating, apply sand, silica or polyethylene to the binde

Features:

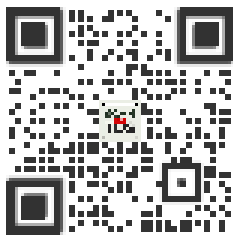
- Designed, when mixed with rubber granulate, for the productionof resilient rubber layers used in the installation of synthetic surfaces at sports facilities such as running track, playground fields

Brand:	Polyval
Color:	Clear
Unit Count:	1
Packaging:	1 US Gallon Can
Mixing Ratio:	Single Component
Volume:	19.9kg
Special Feature:	Safety Playgrounds, Synthetic Surfaces, Running Tracks, Etc.
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



NOFIRE A18

FIRE RETARDANT INTUMESCENT
COATING (PAINT)



Description: Nofire A18 is a Class-A and UL-certified fire-retardant coating that surpasses the highest requirement fire performance requirements, even at temperatures over 1093°C (2000°F) in residential, commercial, and industrial applications.

Nofire A18 is the original high-performance fire-retardant/ protective coating standardized for civilian land-based applications including residential, commercial and Industrial uses: mining, oil & gas, construction, electrical rooms, data centres, power rooms, electricity (utility) poles, etc.

Recommended Uses:

- Data Centers
- Server Rooms
- Power Rooms
- Electricity Poles
- Electric Cables

Features:

- Eco-friendly (white) water-based intumescent Fire Retardant paint for interior steel, wood, drywall, several substrates etc.
- Tested ASTM E84/UL 723 Class "A" flame spread and ASTM E119/UL 263 1 and 2-hour rating for fire endurance on many substrates
- Non-toxic to humans, animals, or the environment
- Zero Flame Index, No VOCs, Fireproof, Stops Fire
- Apply easily as standard latex paint by brush, roller, and spraying
- Highly recommended server rooms/data centers, electrical/power rooms, generator and fuel storage rooms, electric poles, homes, offices, fire-prone areas in buildings, etc.

Brand:	Nofire
Color:	White, Scarlet, Variable
Unit Count:	1
Packaging:	5 US Gallon Can
Mixing Ratio:	Single Component
Volume:	18.9L
Special Feature:	Fire-Retardant, Intumescent, Fireproof
Specific Uses for Product:	Interior/Exterior
Surface Recommendation:	Metal, Wood, Concrete, Other
Item Form:	Liquid
Age Range (Description):	Adult



XYMAX X60

POLYURETHANE THINNER

X60 polyurethane thinner for:

Xymax Max Coat Hb, Anti-Rust, Anti-Corrosion Primer X-60 Polyurethane thinner can also be used as a general-purpose thinner for all polyurethane paints.



XYMAX X34

POLYURETHANE THINNER

X34 Polyurethane Thinner for:

- Xymax-Mono Guard Anti-Rust / Anti-corrosion Primer
- Xymax-Mono Ferro Pur Anti-Rust / Anti-corrosion
- Xymax-Mono-Zinc-ME-III Zinc Rich Galvanize coating
- Xymax-Xyguard Anti-Rust / Anti-corrosion Primer
- X-34 Polyurethane thinner can also be used as a general-purpose thinner for all polyurethane paints



Corrosion and waterproofing protection with POLYFLEX®

Polyflex® can be applied over a variety of different substrates (concrete, metals, wood and many more) in a wide range of temperatures and humidity environments. Like all protective coatings, proper surface preparation is required before applying Polyflex®. Polyval Coatings offers a free polyurea training course with our technical experts. Our in-house chemists give extensive support. Polyval also offers a wide variety of compatible primers that will provide you an excellent long-lasting durable system.

Polyflex® products are protective coatings commonly used for:

- Corrosion protection
- Waterproofing
- Chemical, environmental or atmospheric resistance
- Abrasion resistance
- Aesthetics
- Structural enhancement

The Polyflex® system is a fast-set application which returns an area to service much faster than any other traditional coatings in the industry. This allows the facility to be back in use and reduces the downtime and loss of revenue.



Above is an example of a Polyflex® project. These reservoirs were covered with the Polyflex® 202 system and provided an excellent waterproofing, corrosion resistance, and long-lasting durable protection.



YOUR LOCAL AGENT

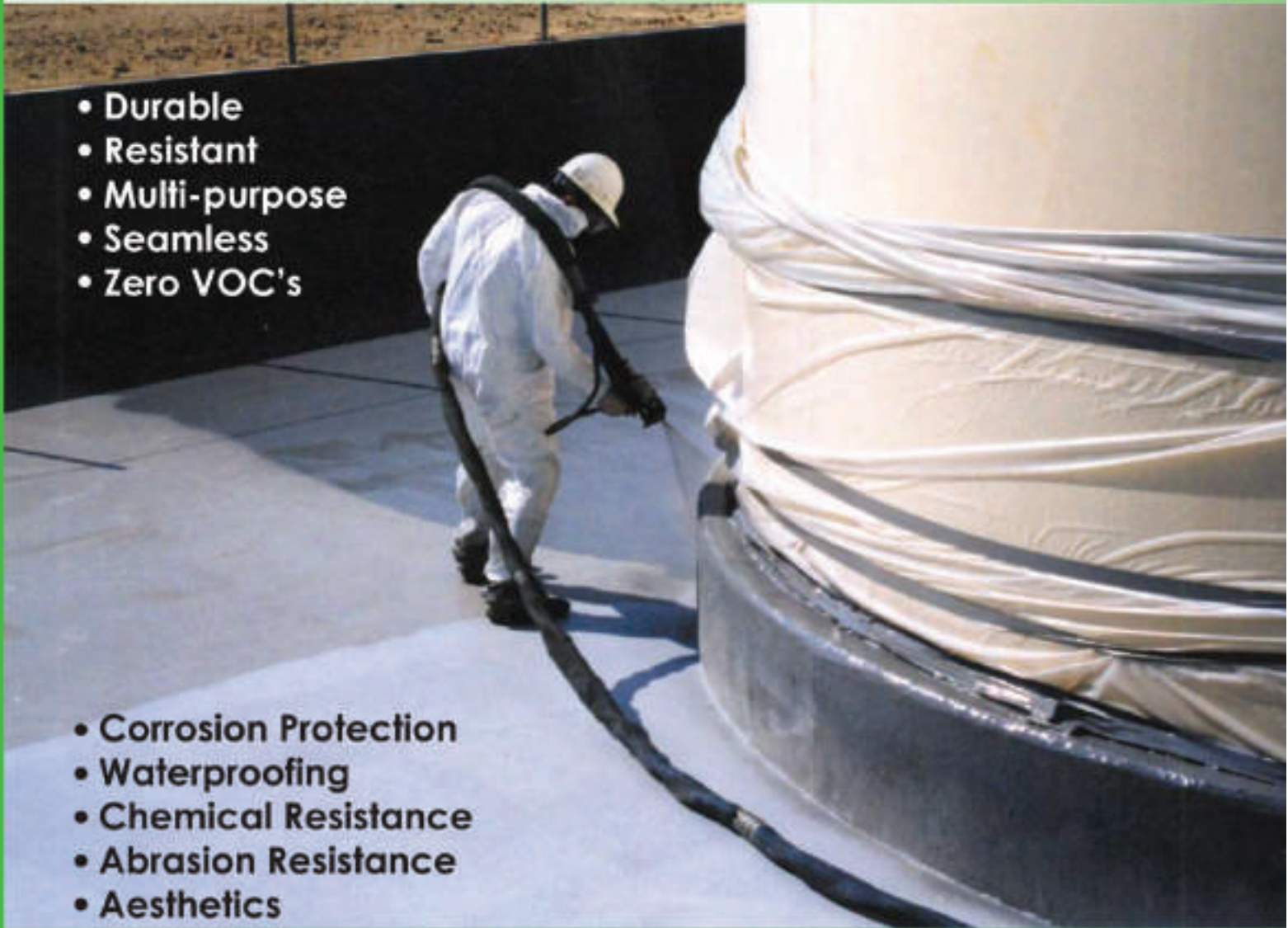
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Call/WhatsApp:
+233507656464 /+233256025000
+233256025001 /+233243125882/+233249119365
www.industrialcoatingsafrica.com



Tomorrow's technology, today
High-Performance Polyurea Membranes

- Durable
- Resistant
- Multi-purpose
- Seamless
- Zero VOC's

- Corrosion Protection
- Waterproofing
- Chemical Resistance
- Abrasion Resistance
- Aesthetics



POLYFLEX.PROVEN, PERFECTED.





What is Polyflex® ?

The Polyflex® product line combines extraordinary technology and vision and is being used successfully for many different applications today. The markets and applications are ever - evolving. Polyflex® future uses are limited only to the imagination! Polyflex membranes are formulated to maximize the benefits of Polyurea. Instant curing, thick film in a single application and high flexibility are some of the basic characteristics of Polyurea technology. The Polyflex lines takes these benefits and builds on them to create a range of products with the intention of customizing solutions for specific markets and application needs. Chemical resistance for the petroleum industry, extra high flexibility for cold temperatures, and an NSF approved membrane for potable water are some examples of our customized technologies.

Polyflex® Advantages and Benefits

- Zero VOC's
- Some Systems are NSF approved for potable water
- High flexibility: Crack bridging
- Excellent resistance to climate season variations
- Waterproof, seamless and resilient
- 100% solids by weight and volume
- Weather Tolerant: Cures at -32°C (-25°F) to >149°C (300°F) even in high humidity
- Unlimited film thickness in one application
- Extremely versatile preventing corrosion, abrasion and waterproofing problems
- Excellent bond strengths to properly prepared substrates
- Resistant to various solvents, caustics and mild acids
- Available in several colors
- Greater resistance to de-icing salt, UV rays, & other chemical products
- Low permeability, excellent sustainability



Markets and Applications for Polyflex®

Polyurea is an outstanding technology with a range of uses limited only by your imagination. As with any coating system, proper surface preparation, correct application equipment and the use of compatible primers are required (we offer many high-performance primers). Our Polyflex® polyureas are being successfully used around the globe. Typical applications include but are not limited to;

- | | |
|--------------------------------|-------------------------------------|
| - Aquarium lining | - Marine |
| - Bridge coating | - Pipeline coatings and linings |
| - Flooring and parking decks | - Rail lining and track containment |
| - Fuel storage and containment | - Roof coatings |
| - Joint fill / caulk | - Tank linings |
| - Water containment | - Truck bed liners |
| - Line striping | - Waste water treatment linings |
| - Manhole and sewer linings | |

AVAILABLE PRODUCTS

Polyflex 201 IMPERMEABLE: is a high performance, Polyurea membrane. It provides excellent waterproofing, corrosion and abrasion resistance and can be used in a great variety of different climatic conditions. It provides excellent protection and durability in continuous water immersion.

Polyflex 202 HIGH-CHEM: is a high performance Polyurea membrane with high chemical resistance. Polyflex has both high hardness and good flexibility to provide long-term durability. It is specially designed for constant immersion in petroleum products.

Polyflex 204 REPAIR-KIT: is a high performance manual repair kit or for a full application Polyurea membranes. It is flexible, self-leveling and high in solids. Due to its aliphatic nature this product is suitable for interior and exterior applications. Generally, applications are applied by brush, squeegee or spatula.

Polyflex 301 GENERAL PURPOSE: is a high performance general purpose Polyurea membrane. It is designed for general industrial application where abrasion resistance and waterproofing is needed.

Polyflex 401 HIGH-ELONGATION: is a high performance aromatic Polyurea membrane. It provides excellent abrasion and shock absorbing resistance and can be used in a great variety of different climatic conditions. It provides excellent protection especially when service conditions require flexibility and protection in cold temperatures below freezing point.

Polyflex 402 SLOW SET: is a high performance Polyurea membrane. Due to its slow gel time, it provides a better leveling especially for industrial flooring applications. It provides excellent abrasion, tear resistance and waterproofing protection.

Polyflex PW: is a NSF 61 listed high performance Polyurea coating / lining for both steel and concrete tanks. Polyflex PW offers superior service life in a variety of climatic conditions for potable water.

POLYUREA DONE RIGHT!

Polyurea is applied with a Plural Component Proportioning systems machine. This machine is a state-of-the-art proportioning system that gives you superior performance, control and accuracy. It is designed to apply Polyurea and other fast-set materials that require accurate temperatures and pressures necessary to achieve ultimate results.



* To find out more about Polyval Coatings Solutions, call +233 243 12 58 82/+233 507 65 64 64 or visit www.industrialcoatingsafrica.com

URETHANE BINDERS



Polyval has over 10 years experience in developing the finest polyurethane binders, which today are being used in a variety of finished products. Extensive research and development has been done over the years to perfect our binders and to become one of the top suppliers in the market. Polyval has developed two excellent lines (SL-Series and GN-series) to meet your specific needs and provide you with the best solutions for your wide variety of applications. Our binders used in conjunction with EPDM or recycled rubber make excellent finished products such as: child playgrounds, running tracks, speed bumps, parking blocks and many more. We supply only premium quality binders, offering innovative solutions for your products.

The SL-Series is a high performance single component polyurethane binder that is offered in a variety of colors. It has been tested to be water and abrasion resistant and has excellent flexibility and adhesion. These binders are entirely solvent-free and are very safe for the end-user.

Polyval polyurethane binders are specifically designed with the proper tensile and elongation properties to work in conjunction with the rubber to provide maximum resiliency and impact resistance. Our binders combined with recycled shredded rubber or EPDM produce the safest surface possible and are designed to protect children from injury. The SL-Series meets the head injury standard for impact attenuation performance requirement for playground surfaces as per ASTM F-1292.

PRODUCT FEATURES

- High flexibility properties
- Solvent free - environmentally friendly
- Excellent shock absorption
- Easy to apply and repair
- Can be used with rubber granulate (SBR & EPDM)
- Excellent adhesion for maximum performance

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Toll free: 1.800.465.0905
Fax: 450.430.7877
sales@polyvalcoatings.com
www.polyvalcoatings.com

AVAILABLE PRODUCTS FOR POUR - IN - PLACE

SL-SERIES: A moisture cure, single component polyurethane binder. It is designed for safety surface applications. The SL-Series is based on premium quality diphenylmethane diisocyanate (MDI). It is available in Clear, Beige, Blue, Red, and Green.

SL-8076: A moisture cure, single component polyurethane binder. It is designed for track and field playground applications. The SL-8076 is based on premium quality aliphatic polyurethane prepolymer for excellent U.V. stability.

TYPICAL USES

- Safety playgrounds
- Synthetic surfaces
- Running tracks
- Sport facilities



MOISTURE-CURED POLYURETHANE BINDERS

Moisture-cured polyurethane binders are used in conjunction with re-milled rubber waste or rubber crumb. Polyval manufactures many different binder systems to meet specific needs in a variety of applications. From rubber mats to molded speed bumps, polyurethane binders, need to suit a range of different application conditions. High flexibility and excellent adhesion are some of the high performance properties our binders provide. The GN-Series in combination with recycled rubber help reduce waste and help protect the environment. Molded finished products, which are produced with the GN-Series use over 90% of recycled rubber. Polyval uses only high-quality raw materials to provide you with an excellent finished product.

GN-SERIES FOR MOLDING PRODUCTS

The GN-series is a high performance polyurethane binder that is specifically designed to create molded products using re-milled rubber. Typical products which can be molded with our GN-series are the following: parking blocks, dock bumpers, speed bumps, sound proof barriers, tiles and many more applications. It has excellent flexibility and adhesion to the rubber and has virtually no smell. These binders are entirely solvent-free and are **environmentally friendly**.

Available Products

- GN - 410
 - GN - 416
 - GN - 417
 - GN - 420
 - GN - 1405
- The GN-series has a list of specific products that have been formulated for different types of applications. Contact one of our sales representatives to guide you through the best product fit for your application needs.

TYPICAL APPLICATIONS



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We Bring you Tomorrows' Technology Today!