

POTENTIAL USES FOR SPI SPRAY PURE POLYUREA PRODUCTS

Presented here is a partial list of potential non-confidential uses for SPI Spray Pure Polyurea Products as reported by our customers evaluating this product. The following list is presented to stimulate the thinking of potential users of these unique polymers. No guarantee of suitability in any specific application is implied or intended.

- *Fish boat holds
- *Hail, bird, traffic protection over polyurethane foam
- *Holding pond liners & secondary containment on geotextile fabric
- *Pipelines (for corrosion control)
- *Protect foam flotation billets from mechanical and hydrocarbon damage
- *Roof coatings for metal decks
- *Sealing manholes form water infiltration
- *Tank liners for primary and secondary containment
- *To protect concrete sewage manholes from H2S
- Abrasion damage control on slip line pipe
- Abrasion resistance for street sweepers
- Abrasion resistant coatings in dump truck
- Aircraft carrier decks, stairs, passageways
- Airport fueling valve pits
- Ambulance interiors
- Anti-Stick for end loader paddles at fly ash handling facility
- Aquaculture & Horticulture ponds
- Asbestos & lead encapsulation
- Base coat for E.I.F.S.
- Bedliners for pickups, trailers, etc.
- Bus Stops
- Casket encapsulation
- Coat fabric surfaces of kayaks and canoes
- Coat flex foam insulation for floor cushioning
- Coat metal salt and sand spreaders
- Coat Roller Conveyor
- Coat utility pole butts to prevent termite damage
- Coating containment boxes for drilling mud
- Coat alternative fuel “down chute” to prevent sticking
- Coat underside of bush planes to prevent rock damage
- Coating inside silos for containment of coal cement, chemicals, silage, etc.
- Coating of pipe insulation fittings
- Coating trailers for hauling brine soaked hides
- Coatings for EPS products
- Coatings over Roof shingles
- Concrete sanitation process stations
- Corrosion protection on Parking Elevator
- Custom water fountains
- El Sugundo type tank floors
- Encapsulate fatigue mats
- Encapsulating archeological digs
- Encapsulation of hazardous materials containers for burial
- Fire water tankers protection of rush and stress cracks
- Floating dock coatings
- Flooring & walls of dairy barns
- Floors and troughs of hydroponic hot houses
- Gasketing
- Glass – Protect from broken glass injuries
- Grouting for concrete floors
- Highway and bridge overlays
- Highway striping
- Horse barn and Horse trailer floors
- Hot asphalt dump trucks
- In lieu of grout for concrete block containment
- Increase flow to turbine pumps (penstock)
- Interiors of smoke stacks to prevent salt cake buildup
- Irrigation ditches, troughs and flumes
- Juice and fruit padded bundling
- Laminate adhesive for high impact plywood
- Line containers for transport of optical grade sand, food, and medical grade plastics
- Line Sluice Boxes
- Liners for settling ponds
- Lining groundwood pump tanks
- Lining of cement mixers, ready mix trucks and chutes
- Low cost molds and molded parts
- Macro encapsulation of hazardous debris and rubble
- Manufacture of composting units
- Marine animal training tanks
- Membrane and barrier for mine uses
- New uses for lining Cable Spools to prevent chaffing of wire and cable
- On geotextile fabric between railroad tracks for containment of solids and fluids
- Pipe coatings for cathodic disbondment protection
- Placer mine trough abrasion protection
- Potting runway light fixtures on air strips
- Preservation of Historical Sandstone Building
- Preserving ice sculptures
- Preserving sand bags on embankments to prevent washouts
- Prevent rust contamination in plastic pellet railcars
- Protect icebreaker ship bows
- Protect saltwater ballast tanks on ships
- Protect steel ice deflectors for bridge columns
- Protecting High Voltage boom trucks from electrical conductivity
- Protection of sewage digesters and clarifiers
- Protection of surfaces in malt kilns
- Radon and Methane Barrier
- Reline vibratory deburring machines
- Repair and Recoat PVC Sheetliners
- Repair railcar hatches
- Reset Railroad tie spikes
- Retrofit Sealed Rubber Transport Bladders
- Roof coatings for monolithic domes
- Rust encapsulation on barges ad tanks
- Sand and snow dumps
- Seal and lock screws, lap seams on metal building roofs
- Seal air walls in mining applications
- Seal bottom of boathouses
- Seal chines on large tanks w/bridging fabric
- Seal lumber kiln dryers
- Seal rigid insulation in deep sea applications against hydrostatic pressure
- Sealing clean rooms
- Sealing controlled atmosphere and nitrogen purged agricultural buildings
- Sealing ship holds before sailing to protect cargo
- Sealing unit boxes at HydroCracker
- “Short Run” Molded Parts to save the cost of tooling for roto-mold and vacuum form
- Soil stabilization
- Spill containment on geotextile for oil well head house floors
- SportsCourt and Skateboard ramp surfaces
- Steam cleanable surface for mushroom growing sheds
- Strut protection for hydrofoil watercraft
- Swimming pools
- Temporary building repair
- Theatrical props and movie sets
- Tiger Cages
- To eliminate electrical conductivity on explosive carriers

To line railcars for protection of product and to prevent sticking during offloading
To replace FRP racecar body parts
To restore pilings above and below water line
To seal heat brick on steam vessels and pipe in lieu of lagging
Traction surface for vertical tower training of firefighters

Urine resistance for floors/walls of jail cells
Vehicle undercoating
Water dike, dam repair and waterproofing
Waterslides

*Top ten most common uses of SPI SPRAY PURE POLYUREA PRODUCTS

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