

COCOON 72634-USDA™

Incidental Foodstuff Contact



Performance
Coatings & Sealants
Systems

DESCRIPTION

COCOON 72634 is formulated for protection of surfaces subject to incidental foodstuff contact according to the definitions of U.S.D.A. (F.D.A.) requirements. It has maximum surface hardness and very high abrasion resistance. COCOON 72634 is a liquid polyvinyl chloride coating which can be sprayed on any clean, dry building surface. Wherever it is sprayed, it forms a tough, strong, permanent waterproof skin that is adaptable to most interior surfaces. COCOON 72634 is used in many situations including food processing and packaging facilities, cooling and blast freezers, nitrogen atmosphere storage, bottling plants, water cooling and recycling rooms, separators, and other areas where abrasion resistance, washability, moisture protection, chemical protection, fungi and bacteria resistance are important.

OUTSTANDING FEATURES

- ✓ Attractive, jointless, hygienic seal that is highly resistant to impact and abrasion
- ✓ May be used in livestock situations where resistance to physical damage, blood, fecal matter, and biological fluids is essential
- ✓ Maintains an effective seal against water and water-borne contaminants including chemical treatments and enzymes
- ✓ Maintains integrity of seals at pipe and duct penetra-

- ✓ tions, where expansion and contraction along dissimilar planes causes stress
- ✓ Resists abrasion from entrained solids of turbid waters in dynamic flow situations
- ✓ Meets the requirements of U.S.D.A. (F.D.A.) for incidental food contact and is approved for these uses
- ✓ Low surface tension reduces drag coefficient at the surface/liquid interface
- ✓ Architectural colors available that maintain stability and definition in aggressive environments

APPLICATION

CAUTION! Read this entire data sheet before continuing. All surfaces must be dry, free of dirt, loose debris, oil, grease, or any substance that could interfere with adhesion. Additionally, all surfaces should be modified in a manner to make them as

smooth as possible by removing sharp projections and filling gaps and voids. A minimum surface profile of ½ mm should be maintained for maximum adhesion. After proper masking, prime the entire surface to be coated with Vinyl Bond B, directly from the can, by spray or roller, and allow the primer to dry. Close all penetrations through the surface by using a webbing coat. Webbing solution is made by mixing 1 part Webbing Agent with 3 parts COCOON 72634 to produce a milky white solution that will support the following coats. Mix ½ gallon of Cocoon Pigment into a 5-gallon can of COCOON 72634 and mix until the color is uniform. Spray apply the mixed COCOON 72634 in multiple overlapping passes until a 20 mil dry film thickness has been achieved. The first should be very light to avoid breaking the webs. Properly applied, the

SPECIFICATIONS

Coating Type	Polyvinyl Chloride Solution
VOC	254 gms/liter
Pot Life	Single Component
Shelf Life	12 months
Recommended Thickness	3 to 5 mils d.f.t. per coat
Coverage	1 gallon per 100 sq. ft. per coat x 4 coats
Packaging	5-gallon pails
Colors	Clear, White, and other normal colors

COCOON 72634™

USDA Approved Coating



Coating should be free of voids and pinholes. Voids and pinholes must be resprayed to achieve a complete seal. Prior to the removal of any protection or equipment, a thorough inspection of the entire area should be completed, and all damage or deficiencies must be repaired and resprayed. All termination joints should be sealed with a polyurethane sealant. For recommendations regarding equipment, contact our Technical Department.

LIMITATIONS

Proper ventilation must be provided during application for effective drying of the coating, and all applicators must wear suitable respirators.

MAINTENANCE

Damaged areas may be repaired by cleaning surface and application of COCOON 72634 as described in the Application Section.

PRECAUTIONS

Read and understand the Material Safety Data Sheet thoroughly. Make sure that all involved parties are familiar with the M.S.D.S. COCOON 72634, in its liquid state, is flammable, and proper safety precautions against exposure to open flame, sparks, or other sources of ignition must be taken and strict safety rules enforced.

TECHNICAL DATA

Moisture Vapor Transmission	0.06 perms	ASTM E-96
Tensile Strength	1,100 psi	ASTM D-412
Elongation	150%	ASTM D-412
Flexibility at Low Temperature	180 deg. bend @ 30°C	ASTM C-711
Shore 'A' Hardness	85 degrees	ASTM D-2240
Weatherometer (240 hours)	85 gloss	ASTM G-23
Viscosity	55 ku	ASTM D-446
Drying Time	5 minutes per coat	
Total Solids	30% (B.W.); 25% (B.V.)	ASTM D-1044
Fire Resistance	Self-extinguishing	ASTM D-568-56Y
Cleaning of Equipment	M.E.K. or Acetone	

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