

# COCOON RHYNO-HYDE 90™

## Strippable Protection



Performance  
Coatings & Sealants  
Systems

### DESCRIPTION

Cocoon coatings had their origin immediately following World War II, when millions of dollars worth of United States naval warships and airplanes were successfully coated and “mothballed” for future use. Through continuous research and development, its permanent waterproofing, gas seal, and protective qualities were continually refined to produce maximum versatility and ease of application. COCOON RYNO-HYDE 90 is a strippable coating used for protection of glass and architectural metals during the fabrication and construction period. This is also an excellent coating for spray booth structures.

### OUTSTANDING FEATURES

- ✓ Cocoon Ryno-Hyde 90 is applied to a variety of interior and exterior surfaces to provide a complete sealing of the materials against moisture, corrosion, and dust infiltration
- ✓ Will seal out harmful elements to provide positive protection from rust and corrosion
- ✓ Any re-configuration and damage repair is easily and rapidly achieved
- ✓ Materials can be stored on site with the certainty of full protection from changing weather conditions
- ✓ Provides a permanent seal that eliminates the need for repeated bagging or draping as storage and protection

- ✓ Will withstand strong winds, hail storm impacts, and all sorts of objectionable weather conditions
- ✓ Prevents intrusion by insects, spiders, rodents, and reptiles
- ✓ Extremely low moisture vapor transmission rates substantially reduce any humidity within stored equipment

### 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 contaminate or weaken the Cocoon. Close all penetrations and openings with a Cocoon webbing coat. Webbing solution is made by mixing 1 part Webbing Agent to 3 parts Cocoon Ryno-Hyde 90 and agitating with an air-driven mixer until it becomes a thoroughly mixed, milky white solution. Spray out the webs until a homogenous covering

has been achieved. The first application of COCOON RYNO-HYDE 90 over the webbing coat should be a light, rapid pass to provide the webs some strength and prevent them from breaking when the Cocoon coating is applied. For more information concerning the Webbing Agent, please refer to the Cocoon Webbing Agent technical data sheet. Mix ½ gallon of Cocoon Pigment into a 5-gallon pail of COCOON RYNO-HYDE 90 and mix thoroughly until all of the color is thoroughly dispersed. Spray-apply the pigmented COCOON RYHO-HYDE 90 using overlapping passes of an air atomized spray gun until 25 dry mils thickness is obtained. Properly applied, the Cocoon coating should be free of any voids or pinholes. Voids and pinholes must be repaired and re-sprayed. For recommendations regarding equipment, contact our Technical Department.

SPECIFICATIONS	
<b>Coating Type</b>	Polyvinyl Chloride Solution
<b>VOC</b>	218 gms/liter
<b>Pot Life</b>	Single Component
<b>Shelf Life</b>	12 months
<b>Recommended Thickness</b>	3 to 5 mils d.f.t. per coat
<b>Coverage</b>	1 gallon per 90 sq. ft. per coat x 5 coats
<b>Packaging</b>	5-gallon pails
<b>Colors</b>	Clear or White

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### 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 the surrounding surface and application of COCOON RYNO-HYDE 90 as described in the Application

### 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, 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

<b>Moisture Vapor Transmission</b>	0.04 perms	ASTM E-96
<b>Tensile Strength</b>	1350 psi	ASTM D-412
<b>Elongation</b>	250%	ASTM D-412
<b>Flexibility at Low Temperature</b>	180 deg. bend @ 35°C	ASTM C-711
<b>Flashpoint</b>	+0°F	FTMS 141A(M4293)
<b>Shore 'A' Hardness</b>	60	ASTM D-2240
<b>Total Solids</b>	29% (B.W.); 23% (B.V.)	ASTM D-1044
<b>Viscosity</b>	55 ku	ASTM D-446
<b>Weatherometer (240 hours)</b>	85 gloss	ASTM G-23
<b>Fire Resistance</b>	Self-extinguishing	ASTM D-568-56T
<b>Dry Time</b>	3 minutes per coat	
<b>Volume Resistivity @ 480V D.C.</b>	2.8x10(6)	ASTM D27-49T
<b>Arc Resistance (100 mil-lamperes)</b>	13 seconds	ASTM D495-48T
<b>Cleaning of Equipment</b>	M.E.K. or Acetone	

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