

## CPR™ CONDITIONING PAVEMENT REJUVENATOR PRODUCT DATA

2014

Product Name: CPR™

Manufactured by: HYDRO-LABS, INC.

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### PRODUCT DESCRIPTION:

CPR™ is an asphalt treatment designed and formulated to penetrate the asphalt surface and rejuvenate the liquid asphalt binder.

CPR can reverse the aging process and effectively extend the service-life of asphalt pavement with an attractive, even-wearing, black finish.

Properly applied, CPR increases the ductility or flexibility while reducing the brittleness of the pavement. CPR renders the asphalt pavement fuel-resistant. It protects the pavement from oil, fuel, water, and salt contamination while replacing asphalt oils essential to increasing the life span of the pavement.

CPR penetrates the asphalt surface and becomes part of the asphalt matrix so that it will not flake, peel, or prematurely wear off. It protects and restores the asphalt pavement and dramatically improves the overall appearance of the pavement.

### PRODUCT USAGE:

CPR™ should be used whenever extended life is desired for asphalt pavements. CPR is recommended for use on hot-mix asphalts, chip seals, slurry seals, micro-surfaced, heat-scarified and other treatments. The penetration into the asphalt matrix allows CPR to rejuvenate and seal the pavement without changing the surface structure. Grooved roads and runways do not need to be re-grooved and porous friction courses are not negatively affected.

### TECHNICAL DATA:

CPR™ Rejuvenator meets or exceeds the standards set for rejuvenators set by the FAA, Army Corp. of Engineers and numerous state and Federal Agencies.

CPR is comprised of the following:

ASTMD490 RT12 Coal-Tar (40-52%)  
Petroleum Distillates- (20-38%)  
Rejuvenator- (16 – 35%)

CPR has the following bituminous materials properties:

Specific Gravity	ASTM D70	1.04 min
Viscosity	ASTM D1665	8.0 max
Distillation	ASTM D20	60 max (to 300° C.)
Softening Point	ASTM D36	50-60 max
% Water by Vol.	ASTM D95	1.0 max

### TRANSPORT INFORMATION:

NA 1993 III  
T.D.G. Classification 3  
Non-Flammable  
Combustible

CPR is generally applied in one application at the optimal rate and requires 8 to 24 hours to cure. However, ½ or 1/3 optimal rate applications can be made on successive days to allow traffic on in as little as one hour.

### SURFACE PREPARATION:

Prior to the application of CPR, pavement surfaces should be free of all dirt and debris. CPR should be applied on dry pavement only, with surface temperatures of 50° F. or higher.

### APPLICATION:

CPR™ should be uniformly applied with a spray distributor at a specified rate determined by pretesting the asphalt to be treated. Application rates will vary from a low for chip seal or cold processed pavements to a high for micro-surface or old, heavily oxidized pavements. Application instruments and pre-test information are available through the manufacturer.

### COST & AVAILABILITY:

CPR™ is available world-wide through Distributors and the Manufacturer. CPR is a cost-effective method of owning and maintaining asphalt pavements. Project costs are dependent on type of pavement being treated, level of rejuvenation required, size of project and other field factors. CPR is sold at a per gallon price.

### WARRANTEE:

CPR is manufactured, tested and shipped from the manufacturing site and warranted to meet all quality and performance specifications stated herein. ALL COMPONENTS OF CPR ARE MADE IN AMERICA.

### TECHNICAL SERVICES:

Pavement Management Services, field evaluations and budget forecasting for pavement maintenance are available.