



AUTOMOTIVE REFINISH

GLOBAL  
REFINISH  
SYSTEM



# Product Information

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Plasticiser

## D814

**D814 Global Plasticiser** is an additive that gives flexibility to Global DG colours, as well the recommended Global clear and primer systems, when used on plastics.

### Preparation of Substrate



Wash all surfaces to be painted with soap and water.



Prepare metal and painted surfaces by sanding and cleaning with the appropriate Global cleaner (See GLG-142 Global Cleaners bulletin for selection and usage instructions).



Clean plastic surfaces with D846 Degreasing Agent for Plastics and prepare with appropriate primer.

See the appropriate Global Refinish System Data Sheet for full process details.

## APPLICATION GUIDE – D814 Plasticiser

### Mix Ratios with DG Colour / D893:



<b>DG / D893</b>	<b>2 vols</b>
<b>D884 or D887</b>	<b>1 vol</b>
<b>D814</b>	<b>1 vol</b>
<b>*Thinner</b>	<b>1 vol</b>

Potlife is 1 - 3 hours @ 20°C / 68 °F

See the Product Information Bulletin for DG Colour or D893 for application information.

### Mix Ratio with D8101:



<b>D8101</b>	<b>2 vols</b>
<b>D8201</b>	<b>1 vol</b>
<b>D814</b>	<b>1 vol</b>
<b>*Thinner</b>	<b>1 vol</b>

Potlife is 1 - 3 hours @ 20°C / 68 °F

See the Product Information Bulletin for D8101 for application information.

### Mix Ratios with D894:



<b>D894</b>	<b>2 vols</b>
<b>**D884, D897 or D887</b>	<b>1 vol</b>
<b>D814</b>	<b>1 vol</b>
<b>*Thinner</b>	<b>1 vol</b>
<b>(Optional) D885</b>	<b>Add ½ 1oz. per ready-to-spray U.S. quart, to enhance cure.</b>

Potlife is 1 - 3 hours @ 20°C / 68 °F

See the Product Information Bulletin for D894 for application information.

### Mix Ratios with D839 / D825:



<b>D839 / D825</b>	<b>Ready to spray mix</b>
<b>D814</b>	<b>10% by volume</b>

Potlife is 1 hour @ 20°C / 68 °F

Note: Do not mix D814 with D839 as a spray filler. Only mix D839 as a flexed primer surfacer or sealer .

See the Product Information Bulletin for D839 / D825 for application information.

### Mix Ratios with D8000 Series 2K Chromatic Sealer:



<b>D80xx</b>	<b>6 vols</b>
<b>D884 or D897</b>	<b>1 vol</b>
<b>D-Thinner</b>	<b>3 vols</b>
<b>D814</b>	<b>1 vol</b>

Potlife is 1hour @ 20°C / 68 °F

See the Product Information Bulletin for D839 / D825 for application information.

\*Use the tables below to select hardener and thinner according to dry method and application temperature.

\*\*D897 can only be used as a hardener in D894 and the 2K Chromatic sealer. It is not compatible with the other products.

#### Hardener Selection

D884	Air Dry / General Purpose
**D897	Air Dry / Mar Resistance
D887	Stoving / Mar Resistance

#### Thinner Selection

D870	Up to 18°C / 65 °F
D871	18° - 25°C / 65° - 77°F
D872	25° - 35°C / 77° - 95°F
D873	Over 35°C / 95°F
D8700	May replace up to 25% of recommended thinner levels in very warm conditions.

Note: For exceptional conditions of temperature and humidity (>35°C / 95°F and >70%) the use of D8700 Retarder, D873 Very Slow Thinner and/or ½ 1oz of D886 Extender per ready-to-spray U.S. quart is recommended.

#### Performance Guidelines

D814 Flexibiliser is not compatible with Global Refinish BC - Basecoat colour.

#### Technical Data

VOC  
D814 (Packaged)

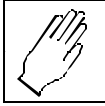
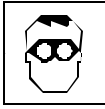
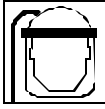
623 gms per litre / 5.2 lbs. per US gal.

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## Health and Safety

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### See Material Safety Data Sheet and Labels for additional safety information and handling instructions.



- The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels and MSDS's of all the components, since the mixture will have the hazards of all its parts.
- Improper handling and use, for example, poor spray technique, inadequate engineering controls and/or lack of proper Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- Provide adequate ventilation for health and fire hazard control.
- Follow company policy, product MSDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on MSDS.
- Always observe all applicable precautions and follow good safety and hygiene practices.

### Emergency Medical or Spill Control Information (304) 843-1300; In Canada (514) 645-1320

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to PPG Industries. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.

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