

EU47

# D814 / D819

## PLASTICISER / MATT FLEXIBILISER

### PRODUCT DESCRIPTION

Global Plasticiser D814 is an additive which gives flexibility to Global DG colours, D800, D880 and D894 clears, and D839 and D825 primers for use on plastics.

Global Matt Flexibiliser D819 is an additive which can be used to create satin or matt finish Global DG colours which are flexible. It may also be used in D800 and D880 clears. It is particularly designed to match the kind of original finish found on deformable parts such as bumpers.

### PREPARATION OF SUBSTRATE

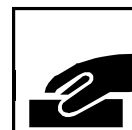
Wash all surfaces to be painted with soap and water.

Prepare metal and painted surfaces by sanding and cleaning with the appropriate Global cleaner (see selection guide below). See Global Refinish System DG (EU01) and Global Refinish System BC (EU02) data sheets for full process details.

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

### GUIDE TO SELECTION OF SUBSTRATE CLEANER

<i>Code</i>	<i>Product</i>	<i>Purpose</i>
D837	Spirit Wipe	Suitable for removing dirt, grease or other contaminants before or during the painting process.
D842	Low VOC Cleaner	Particularly designed to remove contaminants after sanding, and in areas where VOC emissions should be minimized.
D846	Degreasing Agent for Plastics	A fast, effective degreaser specially formulated to avoid adverse effects on plastic substrates.



## APPLICATION GUIDE - Plasticiser D814

For use in: **DG colour / D800 / D880**

Mixing Ratio	DG / D800 / D880	3 vols
	MS Hardener*	2 vols
	D814	1 vol
	Thinner*	1 vol

\* Choose MS Hardener and Thinner according to application temperature:

Temperature	MS Hardener	Thinner
Up to 18°C / 65°F	D803 Fast	D870
18 - 25°C / 65 - 77°F	D841 Medium	D871
Over 25°C / 77°F	D861 Slow	D872

See the Product Information Bulletin for DG Colour or D800 or D880 Clear for application information.

For use in: **D894**

Mixing Ratio	D894	2 vols
	Hardener***	1 vol
	Thinner***	1 vol
	D814	1 vol
	Add D885** (optional)	

\*\* If desired, add ½ - 1 U.S. fl. oz. per ready-to-spray (RTS) U.S. quart for enhanced cure.

\*\*\* Choose Hardener according to dry method and Thinner according to application temperature:

Dry Method	Hardener	Temperature	Thinner
Air Dry / General Purpose	D884	Up to 18°C / 65°F	D870
Air Dry / Mar Resistance	D897	18 - 25°C / 65 - 77°F	D871
Stoving / Mar Resistance	D887	Over 29°C / 85°F	D872

See the Product Information Bulletin for D894 Clear for application information.

For use in: **D893**

Mixing Ratio	D893	2 vols
	Hardener <sup>††</sup>	1 vol
	Thinner <sup>††</sup>	1 vol
	D814	1 vol
	Add D885 <sup>†</sup> (optional)	

<sup>†</sup> If desired, add ½ - 1 U.S. fl. oz. per ready-to-spray (RTS) U.S. quart for enhanced cure.

<sup>††</sup> Choose Hardener according to dry method and Thinner according to application temperature:

Dry Method	Hardener	Temperature	Thinner
Air Dry / General Purpose	D884	Up to 18°C / 65°F	D870
Stoving / Mar Resistance	D887	18 - 25°C / 65 - 77°F	D871
		Over 29°C / 85°F	D872

See the Product Information Bulletin for D893 Clear for application information.

## APPLICATION GUIDE - Plasticiser D814 (cont.)

For use in: **D839 / D825**

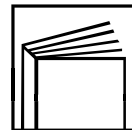
Mixing Ratio

D839<sup>‡</sup> / D825  
D814

Ready-to-spray mix  
10% by volume

<sup>‡</sup> Do not add D814 to D839 mixed 5 : 1 as a spray filler.

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



## APPLICATION GUIDE - Matt Flexibiliser D819

Mixing Ratio

**DG colour or D800 clear**

### Matt Finish

DG / D800	2 vols
D759	2 vols
D819	1 vol
MS Hardener*	2 vols
Thinner*	1.5 vols

### Satin Finish

DG / D800	2 vols
D759	1 vol
D819	1 vol
MS Hardener*	1.5 vol
Thinner*	0.5 vol

**D880 clear**

D880	2 vols
D759	3 vols
D819	1 vol
MS Hardener*	2 vols
Thinner*	1.5 vol

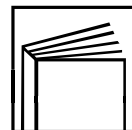
D880	2 vols
D759	1.5 vols
D819	1 vol
MS Hardener*	2 vols
Thinner*	0.5 vols

\* Choose MS Hardener and Thinner according to application temperature:

Temperature	MS Hardener	Thinner
Up to 18°C / 65°F	D803 Fast	D870
18 - 25°C / 65 - 77°F	D841 Medium	D871
Over 25°C / 77°F	D861 Slow	D872

For exceptional conditions of temperature and humidity (> 35°C / 95°F and >70%) the use of Very Slow Thinner D873 is recommended.

See the Product Information Bulletin for Global DG Colour, Global D800 Clear or Global D880 Clear for application information.



## PERFORMANCE AND LIMITATIONS

Do not use in Global Refinish System BC.

Ensure the DG / D759 mixture and the D819 are well mixed before adding MS Hardener.

D819 should be kept on the mixing bank.

## PROPERTIES

VOC

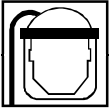
(D814)	623 gms per litre / 5.2 lbs per US gal.
(D819)	479 gms per litre / 4.0 lbs per US gal.
(D800:D861:D814:D872, 3:2:1:1)	575 gms per litre / 4.8 lbs per US gal.
(D800:D759:D819:D861:D872, 2:2:1:2:1.5)	611 gms per litre / 5.1 lbs per US gal.

## HEALTH AND SAFETY

**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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