Engineering News Bulletin

Subject: **Epoxy Resin Obsolescence Effecting EMEA Primers CA7012 and PR205**

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Summary:

Due to raw material discontinuation, the Epoxy Resin used in PPG EMEA, for manufacture of CA7012 and PR205 primers will be replaced by a new Epoxy Resin from the same supplier.

Detail:

To align with REACH requirements, the supplier is replacing the current Epoxy Resin with a new Carcinogenic, Mutagenic, or Reprotoxic (CMR) free Epoxy Resin. PPG have raw material stock of the resin to cover primer manufactured until the end of October 2027 (dependant on sales volumes).

The Epoxy resin is used at around 0.5% by weight to provide improved performance in low temperature and high humidity, helping to reduce amine bloom and improved topcoat adhesion when the primer is applied in locations where temperature and humidity is difficult to optimise.

Requalification of the primers, using the alternative Epoxy Resin, is being progressed with the specification owners under change management.

Requalification testing and pilot batch manufacture will complete in Q1-Q3 of 2027.

The implementation date for the change will depend on consumption of the raw material safety stock and is currently predicted for November 2027.

The product impact is restricted to EMEA manufacture only and the primers listed below:

- **High Solids Chromate Epoxy Primers: PR205, and PR205/C9553**
- **CA7012 HS Chromate Free Epoxy Primers: 7012F30257 and 7012C9553**

Impacted specifications are listed in the attachment 1 on pages 2.

Should you have any further questions, please contact PPG Aerospace Engineering Services.

Sincerely,

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EMEA Primers and Specifications

Primer Base	Design Authority	Specifications
PR205 **PR205 HS Epoxy Primer Yellow**	Eurofighter Consortium	SP-J-513-A-0016 Type II Class A
	BSI Standards	BS 2X 33
	Rolls Royce	MSRR 9064
	BAE Systems	AVN 7-003
PR205/C9553 **PR205 HS Epoxy Primer Black**	Eurofighter Consortium	SP-J-513-A-0016 Type II Class B
	BSI Standards	BS 2X 33
	Rolls Royce	MSRR 9064
7012F30257 **CA7012 HS Chromate Free Low VOC Epoxy Primer Beige FS30257**	Eurofighter Consortium	SP-J-513-A-0013 Type II Class A
7012C09553 **CA7012 HS Chromate Free Low VOC Epoxy Primer Black**	Eurofighter Consortium	SP-J-513-A-0013 Type II Class B