

Notice to Suppliers



POPs Legislation affecting use of Dechlorane Plus™, including in MSRR1001

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For the attention of Engineering and Quality Managers

Scope/Applicability: All RR Business Units and their suppliers

Dear Supply Partner,

In NTS590 (issued on 5 December 2023) we informed you that the MSRR1001 Void Filler would be discontinued by its manufacturer, 3M, during 2024. As of December 2024, 3M have confirmed to Rolls-Royce that they are accepting orders until December 31st 2024 for their final batch of MSRR1001.

MSRR1001 is used in fan case assemblies and sub assembly components on all Civil products. It is used during domestic assembly in the UK, and for manufactured components and sub-assemblies that are imported from outside of the UK.

MSRR1001 contains Dechlorane Plus™ which is known to be used as a flame retardant. Dechlorane Plus™ is listed on the REACH candidate list and has been identified as a persistent organic pollutant: (<https://echa.europa.eu/substance-information/-/substanceinfo/100.253.516>).

The UK government is expected to pass law between CW51 2024 and CW9 2025 (The Persistent Organic Pollutants (Amendment) Regulations 2024), to prohibit use of Dechlorane Plus™.

To replace MSRR1001, Rolls-Royce have identified the following alternative materials which are available, in use, have been validated, and comply with the aforementioned legislation:

- RRMS45002-4 replaces MSRR1001 VRT (Blue)
- RRMS45002-5 replaces MSRR1001 VAAU (Black)

A separate OIN (Overhaul Information Notice) and WWC (Worldwide Communication) will be issued to cover on-wing impact as well as the Overhaul bases.

Action Required:

Where MSRR1001 is mixed and applied locally, we expect all suppliers to transition to one of the new validated materials listed above within one (1) week of this NTS publication. If this is not operationally possible, discuss with your RR Technical Interface or Senior Supply Chain Manager, or your local Planning & Control contact for domestic and Services applications.

We also require impacted suppliers to:

- Confirm the quantity of both MSRR1001 and RRMS45002 raw material stocks held; this shall be supplied both in terms of actual material volume and weeks of consumption.

- Confirm forward orders are in place and committed for RRMS45002 to cover future build and manufacturing requirements.

This information should be forwarded directly to your usual RR Technical Interface of Senior Supply Chain Manager as soon as possible.

Thank you in advance for your cooperation.

NTS Category:

Regulatory / Legislation

Authorised by:

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