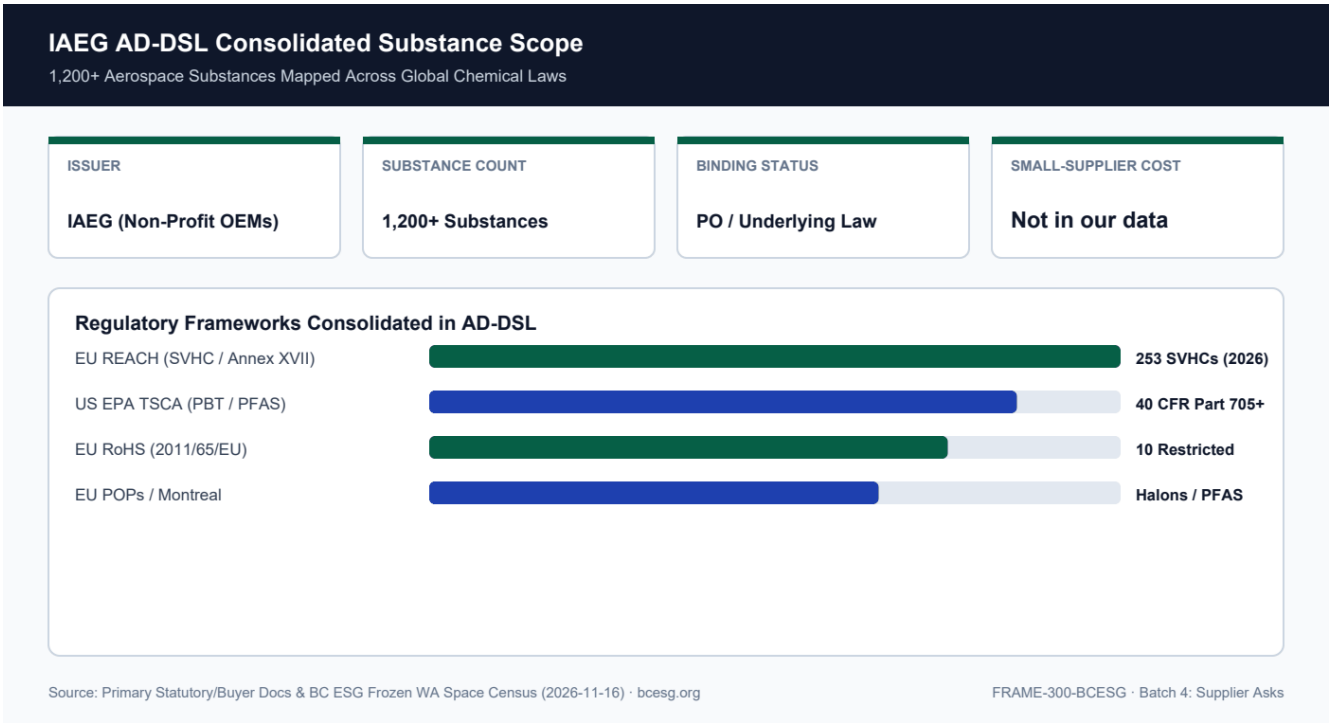
IAEG AD-DSL Declarable Substances List: What WA Suppliers Must Check

Published: November 16, 2026 · Canonical URL: https://bcesg.org/wa-space-ask-iaeg-ad-dsl-substances/

Verification & Authority Baseline: Maintained by the International Aerospace Environmental Group (IAEG), the Aerospace & Defense Declarable Substances List (AD-DSL) consolidates 1,200+ regulated substances (REACH, RoHS, TSCA, POPs). Voluntary industry reference; binding only via OEM POs or the underlying statutes.



Underlying Regime	Example Aerospace Substances	Statutory vs. Contractual
EU REACH SVHC / Annex XIV	Hexavalent chromium (Cr6+), cadmium, NMP, hydrazine	Binding for EU market; PO flow-down in US
US EPA TSCA / Part 705	PFAS fluoropolymers (PTFE seals/wire), PIP (3:1)	Binding US federal law on manufacturers/importers
EU RoHS (2011/65/EU)	Lead solder, hexavalent Cr, PBB/PBDE	Binding for EU EEE; space exemptions exist

Who Issues This Ask, Authority, and Binding Status

The **Aerospace and Defense Declarable Substances List (AD-DSL)** is maintained by the **International Aerospace Environmental Group (IAEG)**—a non-profit association of global aerospace OEMs including Boeing, Airbus, Lockheed Martin, RTX, Safran, Leonardo, and Rolls-Royce.

AD-DSL itself is a **voluntary industry reference list** designed to stop OEMs from sending conflicting spreadsheets. However, the underlying chemicals on the list reflect **binding statutes** (EU REACH, US EPA TSCA, EU RoHS) when products enter those jurisdictions, and AD-DSL screening becomes **contractually binding** when a prime requires AD-DSL / IPC-1754 declarations in a Purchase Order.

Evidence Required & Small-Supplier Effort Cost

Suppliers check Safety Data Sheets (SDS), mill/plating certifications, and sub-tier supplier declarations against the current AD-DSL substance table, reporting any substance above threshold (typically 0.1% w/w for REACH SVHCs) via IPC-1754 XML or the prime's portal.

IAEG makes AD-DSL reference materials available to the industry; internal engineering/SDS-review hours for a small WA shop are **not in our data**.

WA Space Cluster Segments & Companies Affected

AD-DSL screening hits Propulsion (coatings, seals, energetic binders), Components & Suppliers (chromate conversion coatings, cadmium plating, prepreg resins at Janicki Industries and Electroimpact), and Satellite Manufacturing.

Verified Primary Sources & Internal Bridges

• IAEG — International Aerospace Environmental Group: https://www.iaeg.com/

• EUR-Lex — EU REACH Regulation (EC) No 1907/2006: https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:02006R1907-20240606