

Hazardous Substances Compliance Report

Professional Regulatory Analysis for IT/Electronics Products

Executive Summary

This compliance report analyzes laptop for regulatory requirements in European Union. Based on our analysis of 26 components, the overall compliance status is: **EU_COMPLETE**.

Business Context

Company Role:	Producer
Company Location:	Germany
Target Markets:	European Union
Product Category:	Computing & Telecommunications
Report Generated:	2025-08-20 22:54:06

Product Information

Product Description:	laptop
Product Category:	Computing & Telecommunications
Product Type:	Computing & Telecommunications
Expected Volume:	< 1,000 units

Applicable Regulations

Regulation	Authority	Status	Priority
WEEE	Government Authority	Active	Standard
EMC Directive	Government Authority	Active	Standard
REACH	Government Authority	Active	Standard

Radio Equipment Directive	Government Authority	Active	Standard
EU RoHS	Government Authority	Active	Standard
Packaging Directive	Government Authority	Active	Standard

Materials Analysis

Analysis of 26 components:

Component	Substance	Concentration	Compliance
Laptop Battery	Lead (Pb)	850 ppm	COMPLIANT
Laptop Battery	Cadmium (Cd)	45 ppm	COMPLIANT
Laptop Battery	Mercury (Hg)	12 ppm	COMPLIANT
Main Circuit Board	Lead (Pb)	1200 ppm	COMPLIANT
Main Circuit Board	Chromium VI (Cr6+)	25 ppm	COMPLIANT
Main Circuit Board	PBB (Polybrominated biphenyls)	150 ppm	COMPLIANT
Main Circuit Board	PBDE (Polybrominated diphenyl ethers)	180 ppm	COMPLIANT
LCD Display Panel	Lead (Pb)	650 ppm	COMPLIANT
LCD Display Panel	Mercury (Hg)	8 ppm	COMPLIANT
LCD Display Panel	Cadmium (Cd)	35 ppm	COMPLIANT
Power Supply Unit	Lead (Pb)	950 ppm	COMPLIANT
Power Supply Unit	Cadmium (Cd)	28 ppm	COMPLIANT
Keyboard Assembly	Lead (Pb)	420 ppm	COMPLIANT
Keyboard Assembly	PBB (Polybrominated biphenyls)	95 ppm	COMPLIANT
Cooling Fan	Lead (Pb)	380 ppm	COMPLIANT
Cooling Fan	Chromium VI (Cr6+)	15 ppm	COMPLIANT
Hard Drive	Lead (Pb)	750 ppm	COMPLIANT
Hard Drive	Cadmium (Cd)	22 ppm	COMPLIANT
RAM Memory	Lead (Pb)	680 ppm	COMPLIANT
RAM Memory	PBDE (Polybrominated diphenyl ethers)	125 ppm	COMPLIANT
...	(6 more components)

Compliance Summary

Overall Status:	EU_COMPLETE
Components Analyzed:	26
Regulations Applied:	6
Verified Sources:	65

Analysis Date:	2025-08-20
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Recommendations

1. Ensure all supplier declarations are current and complete
2. Verify substance concentration data accuracy with suppliers
3. Monitor regulatory updates for target markets
4. Implement regular compliance reviews as regulations change
5. Consider third-party testing for critical components

This report was generated by the Hazardous Substances Compliance Platform. For questions about this analysis, please consult with your regulatory compliance team.